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Archive.org

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Bigdaddydata.com

Bigfatprize.com

Blogontheuniverse.org

Bureau of Land Management Fossil Website

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Community.livejournal.com

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Energy4me.org

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[Hometownlife.com](#)

[Hotchalk.com](#)

[Huntington Public Schools](#)

[Independentmail.com](#)

[Infozine.com](#)

[Inland Lapidary](#)

[Inside KSC](#)

[Insidebayarea.com of The Oakland Tribune](#)

[Institute of Agriculture and Natural Resources at University of Nebraska](#)

International Action on Global Warming (IGLO)

Intute: Health and Life Sciences

Indiana University of Pennsylvania Geosciences

International Year of Planet Earth Webpage

Jaxza.com

Joides Resolution Webpage

Kentucky Geological Survey

KindBud.com

La Prensa

Lafayette Geological Society

Laughing Cow Curriculum

League of Environmental Educators in Florida

Looking For Detachment Blog

Lori Calabrese Blog

Lower Columbia College

Mackay Rockhounds Blog

MagazineUSA.com Blog

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Marcia's Science Teaching Blog

Maryland Department of Natural Resources

Maryland Science Center

Michigan Mineralogical Society

Middlebury Marble Quarry

ML Liscombe Blog

Mrs. Hiers Edublog

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North Carolina Office of Environmental Education

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Ohio Department of Natural Resources

Ohio Earth Science Teachers Association

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Oregon NASA Space Grant Consortium

OSIR.org

Penn State TESSE

ProTeacher.com

Science Current Events Blog

Science Museum of Minnesota

Sciencestage.com

Science.educationa7.com

Science4all Blog

Scienceboom.com

Searksience

SEED Blog

Serendipity is Sweet Blog

Sloan Career Cornerstone Center

Society of Exploration Geophysicists

Soil Science Society of America

South Dakota Discovery Center and Aquarium

South Dakota Space Grant Consortium

Southeast Environmental Education

Space Prizes Blog

Spacestation-Shuttle Blog

Sprywii.com

State Geologist of Arizona Blog

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Technolab

Technology Lover's Twitter Page

Tennessean.com

Texas Bureau of Economic Geology

Texas Space Grant Consortium

The Benjamin Banneker Institute for Science and Technology

The Geology News Blog

The Leading Source Blog

The Lovell Chronicle

The Ohio Channel Website

The Way Things Break Blog

Themorningcall.com Lehigh Valley Parenting Blog

Through The Sandglass Blog

Triangle Coalition Events

Tweetmeme.com

University of the West Indies Flier

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USGS Utah Water Science Center

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Vermontvacation.com

Videopedia World

Vindy.com

Virginia Cave Week

Visithoustontexas.com

Walking Prescott Blog

Washington Post

Washington State NASA Space Grant Consortium

Washtenaw Community College

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The Earth Scientist

The Murfreesboro Post

Washington Post

WCF Courier Online Paper

AGI Press Release

April 2009

Alexandria, VA

<http://www.earthsciweek.org/pressreleases/index.html>



4220 King Street
Alexandria, VA 22302-1502
703-379-2480;
Fax: 703-379-7563
www.agiweb.org

FOR IMMEDIATE RELEASE

April 14, 2009

Contact: Geoff Camphire

gac@agiweb.org

AGI Announces Earth Science Week 2009 Theme

Alexandria, VA – The American Geological Institute is announcing that “Understanding Climate” is the theme for the 2009 Earth Science Week.

Climate is perhaps the most visible earth science topic in the news. Climate affects humans today just as it has for millions of years. It is also pivotal in understanding how the dynamics of our planet function across different scales of time and space. Earth Science Week 2009 will engage students, educators, and the general public in understanding all the factors driving climate and the role climate plays in the history of Earth and humankind.

"Students and the general public need to understand Earth's climate system, above and beyond the sound bites of public debate," says Ann E. Benbow, AGI's Director of Education and Outreach. "Earth Science Week 2009 will provide educators, students and interested citizens with the information, resources, and activities they need for scientifically sound climate education."

AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, and the broader geoscience community through grassroots activities.

To learn more about this week and ways to become involved; including newsletters, local events, and classroom activities, please go to the Earth Science Week website at <http://www.earthsciweek.org>.

The American Geological Institute is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

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AGI Press Release

May 26, 2009

Alexandria, VA

<http://www.earthsciweek.org/pressreleases/index.html>



4220 King Street
Alexandria, VA 22302-1502
703-379-2480;
Fax: 703-379-7563
www.agiweb.org

FOR IMMEDIATE RELEASE
May 26, 2009

Contact: Geoff Camphire
gac@agiweb.org

Earth Science Week 2009 “Understanding Climate” Contest Themes Announced

Alexandria, VA – The American Geological Institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2009, “Understanding Climate,” October 11-17.

All U.S. residents are encouraged to enter “How Climate Shapes my World” – this year’s Earth Science Week photography contest. Entrants should use their cameras to capture an image that best represents the climate in their local environs.

Students in grades K-5 are eligible to enter the visual arts contest, “The Climate Where I live.” Submissions should illustrate not only what the climate is like today in your town, but what it was like 100,000 years ago.

The essay contest “Climate Connections,” is open to students in grades 6-9. Submissions should focus on how climate interacts with all of the earth systems in their community and how those earth systems in turn influence climate.

Earth Science Week is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation.

To learn more about Earth Science Week and these contests please go to
<http://www.earthsciweek.org/contests/>.

The American Geological Institute is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

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AGI Press Release

June 29, 2009

Alexandria, VA

<http://www.earthsciweek.org/pressreleases/index.html>



4220 King Street
Alexandria, VA 22302-1502
703-379-2480;
Fax: 703-379-7563
www.agiweb.org

FOR IMMEDIATE RELEASE

June 29, 2009

Contact: Jason Betzner

jpb@agiweb.org

Connect to Earth Science Organizations

Alexandria, VA – The American Geological Institute (AGI) Education Department is making available an extensive database of active earth science organizations to enable educational, community, and interest groups to more easily engage with geoscientists in their community.

The Earth Science Organizations (ESO) database is organized by state in an easy-to-use online utility. People and groups interested in organizing events and field trips, learning about their local geology, meeting with geoscientists in their area, or simply to engage with geoscientists on issues of interest related to the earth sciences will find this resource of contact information invaluable.

To search the ESO database for your area, visit <http://www.earthsciweek.org/gpn/>. To recommend an organization or to update a group already listed, contact AGI's Jason Betzner at jpb@agiweb.org.

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AGI Press Release

July 21, 2009

Alexandria, VA

<http://www.earthsciweek.org/pressreleases/index.html>



4220 King Street
Alexandria, VA 22302-1502
703-379-2480;
Fax: 703-379-7563
www.agiweb.org

FOR IMMEDIATE RELEASE
July 21, 2009

Contact: Geoff Camphire
gac@agiweb.org

2009 Earth Science Week Toolkits Now Available

Alexandria, VA—The essential Earth Science Week 2009 (October 11-17) Toolkit enables students, educators, and the public to fully explore this year's theme "Understanding Climate." The latest edition of this resource is now available through the American Geological Institute (AGI).

The 2009 Earth Science Week Toolkit contains a 12-month school-activity calendar and classroom poster provided by AGI, its Member Societies and other organizations. Along with these traditional Earth Science Week publications, this year's Toolkit features a variety of educational climate resources from the U.S. Geological Survey (USGS), NASA, and the National Oceanic and Atmospheric Administration (NOAA). A report on the "Ecological Impacts of Climate Change" and a new brochure outlining principles for Earth Science literacy are also included.

Multimedia features this year include NASA's "Dynamic EARTH" DVD-ROM and a CD-ROM on GIS technology from ESRI. Additional informational materials within the kits include a National Park Service poster highlighting the nation's glaciers and literature on the National Wildlife Refuge System. Like years past, the 2009 Toolkit contains a genuine field notebook from Rite in the Rain.

These items and much more make the Earth Science Week Toolkit ideal for engaging students and general public to explore the geosciences. The Toolkits are available for the cost of shipping and handling (\$6.95 in the United States). Bulk pricing is available. To order, visit <http://www.earthsciweek.org/materials>.

Earth Science Week is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation. To learn more about this event, please visit <http://www.earthsciweek.org/>.

The American Geological Institute is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment. Learn more at <http://www.agiweb.org>.

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AGI Press Release

August 19, 2009

Alexandria, VA

<http://www.earthsciweek.org/pressreleases/index.html>



4220 King Street
Alexandria, VA 22302-1502
703-379-2480;
Fax: 703-379-7563
www.agiweb.org

FOR IMMEDIATE RELEASE
August 19, 2009

Contact: Geoff Camphire
gac@earthmagazine.org

International Photography Contest: “Exploring Earth Science Around the World”

Alexandria, VA—The American Geological Institute is sponsoring an international photography contest to celebrate both the International Year of Planet Earth (IYPE) and Earth Science Week 2009. The theme of the contest is “Exploring Earth Science Around the World.”

The contest is open to people of all ages worldwide. Contest entrants are encouraged to submit photos that capture the spirit of IYPE by illustrating earth processes and geoscience research where they live. Appropriate subjects include rivers and streams, changing weather, topography, oceans, glaciers, or researchers in the field or lab. Entries will be judged for both creativity and relevance to the topic.

To learn more about this contest, including rules for submissions, deadlines, and prizes, visit <http://www.earthsciweek.org/contests/iypephotocontest/>.

Earth Science Week is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, U.S. Department of Energy, ExxonMobil and the American Association of Petroleum Geologists Foundation. To learn more about this event, please visit <http://www.earthsciweek.org/>.

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AGI Press Release

September 8, 2009

Alexandria, VA

<http://www.earthsciweek.org/pressreleases/index.html>



4220 King Street
Alexandria, VA 22302-1502
703-379-2480;
Fax: 703-379-7563
www.agiweb.org

FOR IMMEDIATE RELEASE
September 8, 2009

Contact: Geoff Camphire
gac@agiweb.org

AGI Offers New No Child Left Inside Day Web Resources

Alexandria, VA— No Child Left Inside (NCLI) Day — Tuesday October 13, 2009 — will be the focal point of Earth Science Week.

On the first NCLI Day, held during Earth Science Week 2008, teachers and earth scientists led students outdoors to sample water, interact with earth systems, and observation the natural world in action. This day proved to be a popular event for schools, youth organizations, government agencies and others interested in promoting outdoor educational activities.

Now, to encourage even broader participation, AGI has developed an educator's guide for organizing NCLI Day in local schools and communities. This online resource provides 10 outdoor activities, information on how to plan your NCLI Day event, and classroom follow up activities. Download a copy of the NCLI Day educator's guide through the Earth Science Week website at <http://www.earthsciweek.org/ncli/>.

Earth Science Week is an annual celebration of the geosciences held the second week of October to promote an understanding and appreciation of the earth sciences. Since 1998 Earth Science Week has been organized by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, U.S. Department of Energy, ExxonMobil and the American Association of Petroleum Geologists Foundation. To learn more, visit <http://www.earthsciweek.org/>.

The American Geological Institute is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

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Arkansas Governor's Office News Release

http://governor.arkansas.gov/newsroom/index.php?do:newsDetail=1&news_id=1962

News Room

Calendar

Friday, December 11

10:00 A.M. | Peabody Hotel Ballroom, Little Rock
Governor Beebe addresses the Arkansas School Board Association Annual Meeting.

Friday, December 11

12:00 P.M. | The Little Rock Club, Regions Building, 400 West Capitol, Little Rock
Governor Beebe addresses the Pulaski County Bar Association.

[\[more\]](#)

Photo Gallery



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Proclamations: Archives

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Sunday, Oct 11, 2009

Earth Science Week

Download attachments:

The following readers may be required for linked documents:

[Adobe Reader](#) | [MS Word Viewer](#)

[Download PDF Document](#)

TO ALL TO WHOM THESE PRESENTS COME - GREETINGS:

WHEREAS: This year marks the twelfth-annual Earth Science Week, designated by the American Geological Institute (AGI) to help the public gain a better understanding of and appreciation for the earth sciences; and

WHEREAS: The theme for 2009, "Understanding Climate", reflects the opportunities available to aid young people and the general public in understanding all factors driving climate and the role climate plays in the history of the Earth and humankind; and

WHEREAS: The earth sciences are crucial to environmental and ecological issues that range from water-resource assessments and conservation to air quality and waste disposal; and

WHEREAS: Geologic factors surrounding resources, hazards, and the environment are vital to land-management and land-use decisions made in Arkansas; and

WHEREAS: The earth sciences are critical to ecosystem management, to our understanding of and respect for nature, and to Arkansas's continuing prosperity and well-being; and

WHEREAS: Knowledge of earth sciences provides the basis of preparing for and mitigating natural disasters, including floods, earthquakes, landslides, droughts, and sinkholes;

NOW, THEREFORE, I, MIKE BEEBE, Governor of the State of Arkansas, by virtue of the authority vested in me by the laws of the State of Arkansas, do hereby proclaim October 11

through 17, 2009, as

EARTH SCIENCE WEEK

across the State of Arkansas, and I encourage my fellow citizens to recognize the vital role

of the geosciences in our use of natural resources, in our interaction with the environment, as well as in our safety, health, economy, and welfare.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Arkansas to be affixed this 21st day of September in the year of our Lord 2009.

[Staff Login](#)

Governor Mike Beebe | State Capitol Room 250 | Little Rock, AR 72201 | 501-682-2345 | [eMail](#)

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Dinosaur Ridge Press Release

The Friends of Dinosaur Ridge will celebrate Earth Science Week on October 10, 2009 at the Visitor Center at 16831 W. Alameda Parkway, Morrison, CO 80465 from 10am to 3pm. An open house format includes expert guides stationed along the world-famous Dinosaur Ridge trail, where they will point out dinosaur fossils and answer questions. Visitors can hike at their own pace or ride a shuttle bus for \$2 (5 & under ride free).

Over 60 geologists and paleontologists from academia, industry and the ranks of the retired will tend the ridge stations and also special booths where they will present rock, mineral, and fossil identification, map reading, water testing, caving, geologic time, volcanoes, earthquakes, and earth science careers. Ladies in period costume will commemorate women pioneers in earth science. Much of the material presented will be appropriate for the Girl Scouts and Brownies who will be completing activities in order to earn patches such as Careers Try-it, Being My Best, and It's Important to Me. Scouts must register with the Girl Scouts of Colorado at

Leslie.Howard@gscolorado.org

The research team at Dinosaur Ridge will be showing preliminary findings from two new discoveries on Dinosaur Ridge – a significant new dinosaur track site and a large crocodile track site.

In keeping with this year's theme for Earth Science Week a dendrochronologist (tree ring expert) will show how tree rings can provide clues to past local climate change. Hands-on activities for younger kids will include a dinosaur dig, Stegosaurus branding and sieving for microfossils. Questions: 303-697-3466x13.

National Park Service Grand Canyon Press Release

<http://home.nps.gov/applications/digest/printheadline.cfm?type=ParkNewsEvents&id=25387>

National Park Service
U.S. Department of the Interior
NPS Digest
NPS Gateway for Partners, Friends and Alumni



GRAND CANYON NATIONAL PARK

Grand Canyon National Park to Celebrate Earth Science Week October 11-17

Grand Canyon, Ariz. - Grand Canyon National Park will celebrate Earth Science Week offering a variety of special programs and activities during the week of October 11-17, 2009. Ranger and resource management led programs on the park's geology and other earth science topics will be offered, and exhibit panels from the Mapping the Canyon exhibit developed by Grand Canyon Association will be on display in the lobby of park headquarters. A geology field trip on Desert View Drive led by U.S. Geological Survey research geologist George Billingsley on Saturday, October 17 will culminate the week's events.

Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the most well known and most scenic geologic landscapes on the planet.

Superintendent Steve Martin said, "Grand Canyon National Park is very pleased to offer special events in recognition of Earth Science Week. The earth sciences are essential tools that the National Park Service uses to preserve and protect Grand Canyon. We were very excited to offer a variety of earth science programs throughout the week, especially the geology field trip on Desert View Drive, which will provide a unique opportunity for visitors to learn about the canyon's geology from George Billingsley, a field geologist who has dedicated his professional career to studying the geology of the Grand Canyon region."

To commemorate Earth Science Week, Fossil Walks and Geology Walks will be offered daily from Sunday, October 11 through Friday, October 16. The Fossil Walk will begin at 9:30 a.m. from the path behind the Bright Angel Lodge and will visit a fossil bed containing the remains of a variety of marine organisms exposed near the rim of Grand Canyon. The Geology Walk will begin at 1:00 p.m. from outside of Yavapai Observatory Station and will overview the canyon's geologic story. Each program will last approximately one hour and include easy 2-mile walk.

On Tuesday, October 13, the park will celebrate No Child Left Inside Day as part of Earth Science Week by offering a touch table on the rim of the canyon in the historic village near the El Tovar Lodge from 11:30 a.m. to 4:00 p.m. The touch table will help kids and park visitors explore the canyon's geology by providing a variety of hands-on activities.

Several evening programs offered during the week will be on the earth sciences. On Monday, October 12, Park Ranger Chris Carroll will present "Arizona Monsoon? Surely You Jest! (The Summer mate of Grand Canyon)." Evening Programs last approximately one hour and are presented in the Shrine of the Ages auditorium. On Tuesday, October 13, Park Ranger Jim Heywood presents "How the Grand Canyon Came to Be: Grand Canyon Geology." On Wednesday, October 14, Margaret Cook, Environmental Director, Gila River Community will present "People, Culture and Environment."

On Saturday, October 17, USGS research geologist George Billingsley will lead a special Earth Science Week geology field trip on Desert View Drive from 10 a.m. to 4 p.m. The field trip will begin and end at Grand Canyon National Park Headquarters and include stops at Desert View, Grandview Point and Yi Point. Free transportation for the field trip will be provided by a park shuttle bus. Billingsley has spent his career mapping the Grand Canyon region and has 131 professional papers and geologic maps on the region's geology. During the field trip, he will provide a nontechnical overview of Grand Canyon geology and share some of his experiences while conducting geologic research in the canyon. The field trip is free. Participants should bring a sack lunch, water, and a light jacket.

The theme for this year's Earth Science Week is Understanding Climate. Grand Canyon National Park will be hosting Climate Friendly Parks workshop for park staff and park partners October 14-15 in order to develop an action plan for Grand Canyon with specific emission reduction goals and strategies to adapt to climate change impacts. The Climate Friendly Parks program provides national parks with management tools and resources to address climate change.

S.O. Conte Anadromous Fish Research Center News Release 2009


Open Houses

As part of its educational outreach efforts in conjunction with Earth Science Week, the S.O. Conte Anadromous Fish Research Center in Turners Falls, Massachusetts held Student and Public Open Houses. On Friday, October 16, 2009, the Lab hosted 60 sixth graders from the Great Falls Middle School from Turners Falls, and 232 people of all ages the following day in an ongoing effort to expose students and the public to a facility that many may never have realized existed. The Lab set up demonstrations to present research work being performed at the Lab and in the field. Scientists introduced visitors to the language of fishery resources such as threatened and endangered species, fish passage, anadromous species like salmon and shad, and catadromous species like eels. Visitors were shown telemetry equipment, large hydraulic flumes, weirs and the processes of monitoring experiments and collecting data. They learned how dams and natural barriers effect the migration, fish passage, spawning and life cycles. Scientists explained how environment and river conditions create challenges for fish that many folks had not realized. Both Open Houses gave everyone the opportunity to have a hands-on experience exploring science, see it in action, and learn how it impacts their lives.

Schlumberger News Release

June 9, 2009

http://www.slb.com/modules/news/press/release_details.asp?mode=slb%19&id=21184&



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Press Release

Schlumberger Awards Scholarships to the American Association of Petroleum Geologists' Outstanding Student Chapters

DENVER, June 9, 2009 - Schlumberger today announced its contribution of two scholarships to the American Association of Petroleum Geologists' (AAPG) Outstanding Student Chapter Awards.

Southern Methodist University in Dallas, Texas, was the award recipient among United States-based chapters and University of Bucharest in Bucharest, Romania, was honored as the outstanding international chapter. Terry Woods, Rockies & California operations manager for Schlumberger Data & Consulting Services, presented the awards to these two outstanding chapters at Monday night's AAPG student meeting and reception in Denver.

"Schlumberger is committed to working with universities that continue to enhance their petroleum geoscience curriculum," said Woods. "We are honored to be able to support AAPG with its student development programs as these university students and future geoscientists will one day be our leaders in the oil and gas industry."

Awards are presented yearly at the AAPG annual meeting. Student chapter requirements for selection of awards are maintenance of student AAPG memberships, active AAPG faculty sponsor, and participation in Earth Science Week, field trips, meetings and special community events.

This is the twelfth year Schlumberger has sponsored the scholarships for the AAPG Outstanding Student Chapter Awards.

About Schlumberger

Schlumberger is the world's leading supplier of technology, integrated project management and information solutions to customers working in the oil and gas industry worldwide. Employing more than 82,000 people representing over 140 nationalities and working in approximately 80 countries, Schlumberger provides the industry's widest range of products and services from exploration through production.


Schlumberger Limited has principal offices in Paris, Houston and The Hague and reported revenues of \$27.16 billion in 2008. For more information, visit www.SLB.com.

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For further information, contact:

Susan Ganz
Media Relations Manager
Schlumberger
+1 713 513 2480
sganz1@slb.com

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Climatologist Sees Effect of Changes on Alaskan People

LINCOLN, Neb. - Climatologist Martha Shulski will present "Life on the Last Frontier: Impacts of a Changing Climate on the Alaskan Landscape" on Thursday, Oct. 15, at 7 p.m. in the Hardin Hall Auditorium, 33rd and Holdrege, as part of the Earth Science Week celebration at the University of Nebraska-Lincoln's School of Natural Resources.

Siemens US Climate Change
How the Climate-change bill affects Business - Siemens Green solutions.
www.usa.siemens.com/answers

(Media-Newswire.com) - LINCOLN, Neb. — Climatologist Martha Shulski will present "Life on the Last Frontier: Impacts of a Changing Climate on the Alaskan Landscape" on Thursday, Oct. 15, at 7 p.m. in the Hardin Hall Auditorium, 33rd and Holdrege, as part of the Earth Science Week celebration at the University of Nebraska-Lincoln's School of Natural Resources.

Shulski, the new director of the High Plains Regional Climate Center, lived in Alaska for seven years, working with the Alaska Climate Research Center at the University of Alaska-Fairbanks. While her day-to-day environment was urban, her work took her into villages that were off the road system, accessible mainly by sea and air.

She will share photos and stories of how climate change is affecting the land, sea and people of Alaska. Small changes in temperature, or in sea ice, glaciers, or permafrost, can translate into big changes for people who live off the land.

At one point Shulski worked with an anthropologist to compare weather station data with the observations and experiences of indigenous people. "What's important to people on the ground were not changes I would have considered significant," she said. "The biggest changes, statistically, were in winter and spring. But what's important to people with a subsistence lifestyle is, are the moose where they should be during a three-week window in the fall."

They found that relatively small changes in climate patterns could have a tremendous impact on people's well-being and food supply.

And what does this mean for Nebraska? "If these changes are occurring in Alaska now, we could be seeing something of similar magnitude in the lower 48, down the line," Shulski said. "If temperature and precipitation patterns change here, our vegetation patterns could change as well."

As of August, when she relocated to Lincoln, this is the fourth time that Shulski has lived in Nebraska. In addition to intervals in Omaha and Nebraska City while growing up, she earned a master's in agricultural meteorology from UNL. Her doctorate is from the University of Minnesota, in soil science and climatology.

Other talks in the School's Fall Outreach Lecture Series include Stephen Vantassel, Oct. 27, on "Wildlife Damage Management: Problems and Prospects" (warning: includes graphic images of wildlife), and Roger Pabian, Nov. 10, on "Nebraska's Gemstones - Tiny Little Treasures."

Free parking will be available next to Hardin Hall and refreshments will be served.

For more information please contact Kelly Smith, School of Natural Resources, (402) 472-3373, ksmith2@unl.edu, or Martha Shulski, Director of the High Plains Regional Climate Center, (402) 472-6111, mshulski3@unl.edu.

10/6/09-KS

University of the West Indies News Release
St. Augustine, Trinidad and Tobago.



THE UNIVERSITY OF THE WEST INDIES

ST. AUGUSTINE, TRINIDAD AND TOBAGO, WEST INDIES

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NEWS RELEASE

FOR IMMEDIATE RELEASE

Phone: +1-868-662-4659 ext 23

E-mail: staceyedwards@uwiseismic.com

Building tsunami preparedness through community linkages

St. Augustine, Trinidad & Tobago W.I.—October 19th, 2009 – Students from two of Trinidad's remote coastal communities are now better educated on tsunami safety thanks to an outreach initiative by the UWI Seismic Research Centre (SRC).

This year, the SRC chose *Understanding Tsunamis* as the main theme for its Earth Science Week celebrations and targeted two schools for raising awareness on tsunamis. "Currently, there is a lot of work being done to establish a tsunami warning system for the Caribbean but we still have a long way to go," said SRC Education Officer, Stacey Edwards. "In the meantime it is very important for people living and working in coastal areas to be able to recognize a tsunami's natural warning signs and to be able to respond appropriately," added Edwards.

During Earth Science Week, the SRC in collaboration with the Office of Disaster Preparedness and Management (ODPM), sponsored a group of

geography students from Mayaro Secondary School - a small town on Trinidad's southeastern coast – to attend a student workshop at the SRC in St. Augustine. During the workshop, the students learned about the causes of tsunamis and they learned how to recognize a tsunami's natural warning signs. Students were also encouraged to share the information with family and friends.



SRC Chief Research Technician, Nisha Nath, talks to the students about processing earthquake data at the SRC. Large earthquakes which occur beneath the ocean can trigger tsunamis in the Caribbean.

Students of Cedros Secondary School benefited from a similar educational programme when a team from the SRC visited Bonasse Village -

USGS Press Release

<http://www.usgs.gov/newsroom/article.asp?ID=2317>



U.S. Geological Survey

Helping Idaho Teachers Prepare for Earth Science Week

Released: 9/28/2009 4:15:53 PM

Contact Information:

Tim Merrick

U.S. Department of the Interior, U.S. Geological Survey Phone: 202-387-1305
Office of Communication
119 National Center
Reston, VA 20192

The U.S. Geological Survey (USGS) and the Idaho Geological Survey are teaming up to distribute Earth Science Week toolkits to Idaho teachers on October 1.

Representatives from the two agencies will distribute the toolkits at the annual conference of the Idaho Science Teachers Association in Boise.

Earth Science Week is an outreach effort of the American Geological Institute. USGS is a sponsor of the annual event. This year's Earth Science Week runs October 11-17 with the theme "Understanding Climate."

Earth Science Week toolkits include educational materials that teachers can use to enhance their curriculum during Earth Science Week and throughout the year. The materials come from the USGS, NASA, the National Park Service, the U.S. Fish and Wildlife Service, and other agencies and associations.

To learn more about Earth Science Week 2009, visit <http://www.earthsciweek.org/> (<http://www.usgs.gov/earthsci/>).

USGS provides science for a changing world. For more information, visit www.usgs.gov.

Subscribe to USGS News Releases via our [electronic mailing list](#), or [RSS feed](#).

**** www.usgs.gov ****

Links and contacts within this release are valid at the time of publication.

U.S. Department of the Interior | U.S. Geological Survey
URL: <http://www.usgs.gov/newsroom/article.asp?ID=2317>
Page Contact Information: Ask USGS
Page Last Modified: 9/28/2009 4:15:53 PM

American Oil and Gas Historical Society Newsletter: *Petroleum Age*

Volume 6, No. 1, March 2009

<http://www.aoghs.org/Pages/Pubs/default.asp>

Earth Science Week 2009

News from Vol. 6, No. 1, March 2009 *Petroleum Age*

“Understanding Climate” is the theme for the American Geological Institute (AGI) Earth Science Week 2009, with events planned for October 11-17, 2009.

To encourage partnerships between educators and geoscientists, AGI has launched the Geoscience Partners Network (GPN), an online networking tool. Teachers who want to organize a field trip, a classroom visit or other event can locate experts in the geosciences.

AUSGEO News Newsletter

March 2009

<http://www.ga.gov.au/servlet/BigObjFileManager?bigobjid=GA13590>



Australian Government
Geoscience Australia

AUSGEO
ISSUE 93 Mar 2009 *news*

of IPOs for mineral exploration in Australia over the past 5 years followed by the sharp reduction in 2008.

The combined impact of lower commodity prices and reduced availability of equity capital is likely to result in a reduction in exploration activity in the immediate term. Gold may be the exception as high gold prices and the devaluation of the Australian dollar have renewed interest in gold projects. Beyond that, however, the outlook for mineral commodities is more positive. ABARE (2008) forecasts a gradual strengthening of world economic growth and increased demand for energy and mineral commodities commencing in the second half of 2009. The World Bank suggests that 'ongoing shortages in the sectors that provide exploration and exploitation services, and the long lags between initial investments and the coming on-stream of new production, mean that supply conditions may remain relatively tight in the oil and metals sectors and that prices, although declining, are unlikely to fall to their 1990s levels' (World Bank 2009, page 65).

The long lead times to discover new mineral deposits and develop new mines mean that exploration requires a longer term view. Effective exploration—especially greenfields exploration and discovery of new deposits—is needed to maintain and grow Australia's resource base to support future mineral production when demand returns, recognising that the bulk of Australia's current mineral production comes from deposits found more than 20 years ago.

For more information

phone Lynton Jaques on
+61 2 6249 9745

email lynton.jaques@ga.gov.au

phone Mike Huleatt on
+61 2 6249 9087

email mike.huleatt@ga.gov.au

References

Australian Bureau of Agricultural and Resource Economics (ABARE). 2008. Australian Commodities December Quarter 08.4. ABARE, Canberra. Available at: www.abare.gov.au/publications_html/ac/ac_08/ac08_Dec.pdf

World Bank. 2009. Global Economic Prospects, Commodities at the Crossroads. Available at: publications.worldbank.org/ecommerce/catalog/product?item_id=8903320

Related articles/websites

Annual review of mineral exploration 2008
www.ga.gov.au/image_cache/GA13488.pdf



EARTH SCIENCE IN EVERYDAY LIFE

■ Geoscience Australia and the Australian Science Teachers Association will host the *Geologi09* as part of Earth Science Week 2009 celebrations being held from October 11–17.

All Australian school aged students are invited to submit an Earth science based film which relates to everyday life in one of three age categories: primary, year 7–10 and year 11–12.

To enter all you have to do is make a film that explains how one of the following relates to everyday life:

- Natural hazards
- Your local geology
- Rocks and minerals
- Geological time
- The Earth's structure

■ FOR MORE INFORMATION VISIT:
www.ga.gov.au/about/event/geologi.jsp

■ CONTACT US:
Phone: (02) 6249 9464
Email: education@ga.gov.au

■ ALL ENTRIES MUST BE RECEIVED BY FRIDAY 14TH AUGUST 2009

THE GEOLOGI SHORT FILM COMPETITION 2009

Australian Geoscience Council Newsletter

March 2009

● Get your video cameras rolling for Earth Science Week 2009

Earth Science Week is an international celebration promoting the importance and relevance of the Earth sciences to society. 2009 celebrations will be held from the 11th -17th October, celebrating with the theme 'Understanding climate'.

As part of Earth Science Week, Geoscience Australia along with the Australian Science Teachers Association will be hosting the annual [Geologi short film competition](#). Geologi09 invites all Australian school aged groups, individuals and classes to submit an Earth science film relating to how we use Earth science in everyday life. The winning films will be screened at a presentation and awards ceremony at Geoscience Australia during Earth Science Week 2009.

Any individual, school or organisation hosting an event or activity is encouraged to register on Geoscience Australia's [Earth Science Week web site](#). All registered activities will be sent a

Children's Discovery Museum Fall 2009 Newsletter

Normal, IL

www.childrensdiscoverymuseum.net/Fall%202009%20Newsletter.pdf

Homeschool Programs

Ages 5-13 years old

Delve into a world of exploration during a two hour, drop-off program designed to stimulate a child's interest in science, art, literature, and culture with age-appropriate, hands-on activities. Cost includes program and Museum exploration for one child. Program cost: \$10 Museum members /\$14 non-members. MIN/MAX: 5/15

Soda Pop Science 5-8 yr. olds

Study all things soda! Experiment with the fizzing factor of pop with several hands-on activities. Observe soda eruptions and learn the chemistry behind the foam!

Date:	Time:	Activity #	Section #
9/24/09	9:30 to 11:30 a.m.	909300	01
9/25/09	9:30 to 11:30 a.m.	909300	02

Inside the Earth 5-8 yr. olds

Explore some of Earth's most fascinating wonders: volcanoes, rocks and earthquakes. Construct a volcano model, as well as an earthquake-proof structure.

Date:	Time:	Activity #	Section #
10/8/09	9:30 to 11:30 a.m.	910300	01
10/9/09	9:30 to 11:30 a.m.	910300	02

Harvest Celebration 5-8 yr. olds

Study the history of Thanksgiving while we make traditional harvest food, games and more!

Date:	Time:	Activity #	Section #
11/5/09	9:30 to 11:30 a.m.	911300	01
11/6/09	9:30 to 11:30 a.m.	911300	02

Weather Watchers 9-13 yr. olds

Learn how to "read" the signs of different weather patterns using handmade weather tools and science experiments.

Class only:

Date:	Time:	Activity #	Section #
9/24/09	9:30 to 11:30 a.m.	909300	03
9/25/09	1:30 to 3:30 p.m.	909300	04

**Extended Class & Tour

Enjoy the Weather Watchers class as well as travel to Lincoln, IL to tour the National Weather Service Station and see how meteorologists really track the weather.

Date:	Time:	Activity #	Section #
9/24	9:30 a.m. to 3:30 p.m.	909300	05
9/25	9:30 a.m. to 3:30 p.m.	909300	06

Cost: \$15 members/\$19 non-members

Inside the Earth 9-13 yr. olds

Have a rockin' good time as we celebrate Earth Science Week by studying rocks, creating volcanoes, experimenting with earthquake structures and fault lines.

Geoz: The Geological Society of Australia Newsletter

March 2009

<http://www.gsa.org.au/geoz/geoz17/index.html>

<http://www.gsa.org.au/divisions/tas.html>

19th March 2009 Joint meeting with the Australian Institute of Geoscientists

Dr. Greg Corbett, Corbett Geological Services

Influence of magmatic arc geothermal systems on porphyry epithermal Au-Cu-Ag exploration models

School of Earth Sciences Lecture Theatre, University of Tasmania, 5.30pm for 6.00pm

andrew.mcneill@utas.edu.au

Western Australia

First Tuesday of each month, GSA WA regular meeting

Geography Lecture Theatre 1 Ground floor, Geology-Geography Building, UWA, 5.30pm

GSA EVENTS | TOP

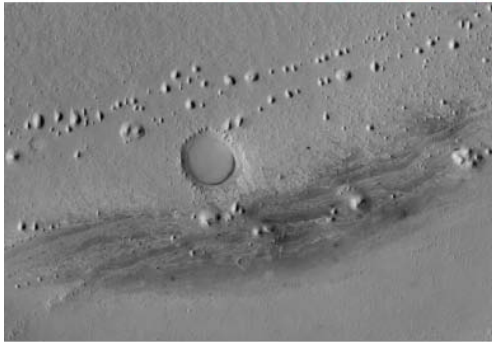
Start planning now for the Australian Earth Sciences Convention 2010

Earth Systems: change, sustainability, vulnerability

4-8 July 2010, Canberra, ACT

To register your interest, contact: info@gsa.org.au

IN THE NEWS | TOP



Hot Springs on Mars a well spring of life?

The discovery of possible ancient springs in the Vernal Crater has renewed interest in finding life on Mars. Organisms on Earth thrive in and around hydrothermal springs and if life has ever been present on Mars, hot spring deposits would be ideal locations to search for physical or chemical evidence of these organisms.

<http://www.sciencedaily.com/releases/2009/02/090212112829.htm>

Caption: Potential spring-related structures in Vernal Crater on Mars from an image taken by NASA's Mars Reconnaissance Orbiter.
Credit: NASA/JPL-Caltech/MSSS

Mudslide in Bolivia injures 300

At least 300 people have been injured in the Bolivian city of La Paz following a serious mudslide on Tuesday, February 17.

<http://www.abc.net.au/news/stories/2009/02/18/2494428.htm>

Earth Science Week theme announced

The theme of Earth Science Week 2009 is "Understanding Climate." Being held October 11-17, Earth Science Week 2009 will promote scientific understanding of a timely, vital topic: Earth's climate.

<http://www.earthsciweek.org/newsletter/February2009.html>

Lunar and Planetary Institute Earth and Space Science Newsletter

<http://www.lpi.usra.edu/education/resources/news/>

Opportunities

[Earth Science Week Contests](#)

AGI is sponsoring three national contests for Earth Science Week 2009: a photography contest: How Climate Shapes My World, a K-5 grade visual arts contest: The Climate Where I Live, and a grade 6-9 essay contest: Climate Connections. Entry deadline is October 16, 2009.

[Classroom Earth Professional Development Grants](#)

These grants are designed to support teachers new to the field of environmental education. Each awardee will receive \$1,500 grants to take two graduate level courses online offered by University of Wisconsin. Deadline: June 12, 2009.

[Healthy Habitat Service Learning Grants Available for Texas Middle and High Schools](#)

Grants of up to \$15,000 are available from the Texas Center for Service-Learning to support students doing service-learning projects to benefit wildlife and the environment. Proposal deadline is June 19, 2009.

[First Choice Power Classroom Energy Innovation Grants](#)

The grants award as much as \$2,000 to K-12 teachers, requiring creativity with an energy focus in the classroom. Awards will be put into action during the 2009-10 school year.

[Submit Examples of Inspiring Uses of Hubble in Education](#)

U.S. formal (K-12, college) and informal educators -- both individuals and teams of up to four members -- are invited to submit their best examples of using the Hubble Space Telescope in science, technology, engineering or mathematics education.

Resources

[Free Videos and CDs on Light and Optics](#)

New free videos from SPIE for educators include Light in Action: Lasers, Cameras & Other Cool Stuff, and Optics: Light at Work. SPIE also has a free cd on Careers in Optics available.

[Windows to the Universe Student Content](#)

This site covers Earth and Space sciences through an array of documents, including images, movies, animations, and data sets, in three reading levels in English and Spanish. New pages include information on Earth's atmosphere and climate, Mercury, Venus, Uranus, Neptune, and more.

[New Urban Heat Island Activity](#)

Students grades 6-10 learn about the urban heat island effect by investigating which areas of their schoolyard have higher temperatures. Then they analyze data about how the number of heat waves in an urban area has increased over time with population.

[Send in Space Kits Still Available](#)

(9) EARTH SCIENCE WEEK K-9 STUDENT CONTESTS

Entries Due Oct. 16

AGI is sponsoring three national contests for Earth Science Week 2009. The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.

The photography contest, open to all ages, focuses on “How Climate Shapes My World.” The visual arts contest, titled “The Climate Where I Live,” is open to students in grades K-5. Finally, students in grades 6-9 are eligible to enter the essay contest: “Climate Connections.” Essays of up to 300 words should describe how climate interacts with Earth’s systems - geosphere, hydrosphere, atmosphere, and biosphere - in your area.

Entries may be submitted starting now, but all are due by the Friday of Earth Science Week, Oct. 16, 2009. The first-place prize for each contest is \$300 and a copy of AGI’s “Faces of Earth” 2-DVD package. To learn more about these contests, including how to enter, visit <http://www.earthsciweek.org/contests/>.

NASA Earth and Space Science Education E-Newsletter
August 2009

(11) EARTH SCIENCE WEEK K-9 STUDENT CONTEST entries may be submitted now, and are due by the Friday of Earth Science Week, Oct. 16, 2009. The photography contest, open to all ages, focuses on “How Climate Shapes My World.” The visual arts contest, titled “The Climate Where I Live,” is open to students in grades K-5 and students in grades 6-9 are eligible to enter the essay contest: “Climate Connections.” To learn more about these contests, including how to enter, visit <http://www.earthsciweek.org/contests/>.

NASA Education Update E-Newsletter

April 2009

<http://nasascience.nasa.gov/educators/earth-and-space-science-education-e-news/april-2009-education-update>

(28) NEW SPACE MATH PROBLEMS

The Space Math Web site posted 15 new math problems primarily covering fractions and mixed numbers. More advanced problems include calculating the length of an arc to represent the trajectory of the Dawn spacecraft, the energy needed to create craters on the moon of various sizes, and energy and unit conversions.

<http://spacemath.gsfc.nasa.gov/>

(29) WHY IS EARTH'S CORE SO HOT? NEW PODCAST ON SPACE PLACE

A new podcast entitled "Why is Earth's core so hot?" is now available on the Space Place Web site for elementary-aged children. Blistering hot molten rock bursts through weak places in Earth's crust. What is down there and why is it so hot? Earth's core may seem as mysterious and remote as outer space, but scientists have actually learned a great deal about it. Listen to a scientist explain. To listen to this and previous podcasts on your computer, or to read the transcripts, visit <http://spaceplace.jpl.nasa.gov/en/educators/podcast/>.

(30) UNDERSTANDING CLIMATE: 2009 EARTH SCIENCE WEEK KITS

The American Geological Institute (AGI) annually hosts Earth Science Week (ESW) in cooperation with sponsors including NASA, the U.S. Geological Survey, National Park Service and other geoscience groups.

"Understanding Climate" is the theme for the 2009 ESW, which will be held Oct. 11-17. NASA will again contribute educational resources to the ESW kits; AGI plans to distribute the kits beginning in summer 2009. For more information on ESW, go to <http://www.earthsciweek.org>.

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Natural Resource Management Board, Australia Newsletter

March 2009

[www.nrmbnt.org.au/newsletters/2009/March/NetworkNotes 13 03 09.pdf](http://www.nrmbnt.org.au/newsletters/2009/March/NetworkNotes%2013%2003%2009.pdf)

Publications and Links

Announcement of a new book on wetland assessment from Ed Maltby. Further information is available from the publisher:

<http://www.woodheadpublishing.com/en/book.aspx?bookID=767>.

The theme of Earth Science Week 2009 is "Understanding Climate." Being held October 11-17, Earth Science Week 2009 will promote scientific understanding of a timely, vital topic: Earth's climate.

<http://www.earthsciweek.org/newsletter/February2009.html>

This site is an electronic reference about the Earth, its natural environments, and their interaction with society. The Encyclopedia is a free, fully searchable collection of articles written by scholars, professionals, educators, and experts who collaborate and review each other's work.

<http://www.eoearth.org/>

Given the success of Google Earth's other GIS add-ons to the famous on-line product, it is only natural that someone would think a new geology layer is essential.

<http://ron.outcrop.org/blog/?p=323>

The new version of Google Earth incorporates 3D sea floor terrain including 20 content layers, containing information contributed by the world's leading scientists, researchers, and ocean explorers.

<https://sites.google.com/a/pressatgoogle.com/earth5/Home>

When you get bored with Googling Earth in your quest to find neat geological features above and below the waves you can switch over to doing it on Mars! Recent NASA - Google collaborations have produced Mars-in-3D, a facility available in the new version of Google Earth that not only provides 3D images of the surface but links them to Martian place names and images taken on the surface by a variety of landers and rovers.

<https://sites.google.com/a/pressatgoogle.com/earth5/mars-in-3d>

Here is how one teacher makes use of this amazing resource.

<http://magmacumlaude.blogspot.com/2009/02/using-google-earth-to-visualize.html>

The latest Victorian Space Science Education Centre's edition of the CAPCOM newsletter celebrates International Year of Astronomy. It is available as a pdf download.

<http://www.vssec.vic.edu.au/resources/resources.asp>

Academic journals online and access is free :

<http://pkp.sfu.ca/?q=ojs>

Further Links:

<http://www.nature.com/nature/index.html>

<http://invasives.org.au/doubletrouble/doubletrouble1.html>

<http://www.earthsciweek.org/newsletter/February2009.html>

<http://www.sciencemag.org/>

<http://www.horseslandwater.com/>

New Jersey Environmental Education News

<http://www.state.nj.us/dep/seeds/njcee/profdev.htm#510>

Earth Science Week Update, 2-09

(Posted: 2-25-09)

The theme of Earth Science Week 2009 is "Understanding Climate"!!

EARTH SCIENCE WEEK UPDATE

American Geological Institute

Vol. 7, No. 2: February 2009

Climate to Be Theme of Earth Science Week 2009

AGI is pleased to announce the theme of Earth Science Week 2009: "Understanding Climate." Being held October 11-17, Earth Science Week 2009 will promote scientific understanding of a timely, vital topic: Earth's climate.

Begin planning now for activities and resources designed to help students and citizens answer key questions. How do geoscientists determine the causes of weather patterns? What is the difference between weather and climate? How has our climate changed in the past - and how is it changing now?

AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth.

The program is supported by the U.S. Geological Survey, NASA, the AAPG Foundation, and other major geoscience groups. To learn more about Earth Science Week, related resources, and ways to participate, go to <http://www.earthsciweek.org>.

Make Connections With Geoscience Partners Network

To facilitate partnerships between educators and others in the geoscience community, AGI is launching the Geoscience Partners Network (GPN). Soon you'll be able to use a powerful online tool - the GPN Map on the Earth Science Week website at <http://www.earthsciweek.org> - to identify geoscience partners near you, access relevant information, and network with colleagues to forge meaningful partnerships.

Want to organize a field trip or a classroom visit? Teachers can make the most of Earth Science Week and other educational opportunities by working closely with professional scientists, university professors, local employers, nonprofit representatives, environmental educators, and government leaders in the geosciences.

Planned to launch in the months prior to Earth Science Week 2009, the GPN Map will pinpoint local contacts near you for AGI Member Societies, state geological surveys, agencies such as USGS and NASA, universities offering geology programs, parks, museums, and other groups. To recommend an organization for inclusion, please contact AGI's Jason Betzner (jpb@agiweb.org).

NASA Webcasts Target Grades 3-8 Teachers

NASA Langley Research Center, working in cooperation with the National Oceanographic and Atmospheric Administration and the Virginia Department of Education Region 2 Math/Science Coalition, is offering a series of professional development webcasts for teachers of grades three through eight.

Airing 4-5:30pm EST, upcoming webcasts on Earth system science topics will include:

* Solar Radiation and the Atmosphere (March 19),

NSTA June Newsletter

Earth Science Week 2009 “Understanding Climate” Contests

The American Geological institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2009, “Understanding Climate,” October 11–17. All U.S. residents are encouraged to enter “How Climate Shapes my World” – this year’s Earth Science Week photography contest. Entrants should use their cameras to capture an image that best represents the climate in their local environs.

Students in grades K-5 are eligible to enter the visual arts contest, “The Climate Where I Live.” Submissions should illustrate not only what the climate is like today in your town, but what it was like 100,000 years ago. The essay contest “Climate Connections,” is open to students in grades 6–9. Submissions should focus on how climate interacts with all of the earth systems in their community and how those earth systems in turn influence climate.

To learn more about Earth Science Week and these contests, visit www.earthsciweek.org/contests.

[\(back to top\)](#)

Ohio eBlast Newsletter

Vol. 8, No. 11; June 10, 2009

www.bapohio.org/Assets/Vol8_No11.pdf

<http://www.cosi.org/educators/professional-development/workshops-k-12>

July 13-17: The daVinci Project, a Residential Summer Workshops at U Conn

<http://www.engr.uconn.edu/davinci/>

July 14-15: Wet and Wild on the Rocks

Contact Gene Easter: Gleaster@sbcglobal.net

July 20-21: COSI workshop: Inquiry Into Science & Literature: Cross-Curricular Connections

<http://www.cosi.org/educators/professional-development/workshops-k-12>

July 20-24: IDEA Summer Educator Institute at Hiram College

<http://www.regonline.com/builder/site/default.aspx?EventID=724318>

July 22-23: COSI workshop: Slip & Slide Science: Inquiry into Force and Motion

<http://www.cosi.org/educators/professional-development/workshops-k-12>

August 2-6: ChemEd Conference in Radford, Virginia

<http://www.radford.edu/chemed2009/>

August 3-5: NSTA Summer Professional Learning Communities in Science

<http://www.nsta.org>

August 16-22: World Water Week

<http://www.worldwaterweek.org/>

September 1: Deadline to submit proposals for the 2010 SECO Conference

<http://www.secoonline.org/conference.html>

October 11-17: Earth Science Week 2009

<http://www.earthsciweek.org/contests>

October 15: Deadline to register for the Future City Competition

<http://www.futurecity.org>

October 31: Deadline to apply for the Mickelson ExxonMobil Teachers Academy

<http://sendmyteacher.org>

OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist

Celebrate Earth Science Week in Oregon, October 11-18

NEWS RELEASE: October 15, 2009

Field guides of Portland and Oregon's "Supervolcano" featured in new issue of Oregon Geology Magazine

Explore central Oregon, and Portland by bus, train, and tram

Portland, Oregon: The recently discovered "Supervolcano" near Prineville and Portland's amazing geologic history are featured in the new 96-page issue of *Oregon Geology* Magazine, published by the Oregon Department of Geology and Mineral Industries.

You can download a free copy of *Oregon Geology* and the 4 field trip guides at: <http://www.OregonGeology.org>

Field trip guide to the Oligocene Crooked River caldera: Central Oregon's Supervolcano, Crook, Deschutes, and Jefferson Counties, Oregon, by Jason D. McClaughry, Mark L. Ferns, Caroline L. Gordon, and Karyn A. Patridge, visits three of central Oregon's state parks—Prineville Reservoir, Smith Rock, and Peter Skene Ogden Wayside—where key features of one of the largest explosive volcanic eruptions in the earth's history are prominently exposed.

Field trip guide to the middle Eocene Wildcat Mountain Caldera, Ochoco National Forest, Crook County, Oregon, by Jason D. McClaughry, Caroline L. Gordon, and Mark L. Ferns, will take you into the heart of the beautiful Ochoco Mountains to see the remnants of an ancient volcano, the 350 foot tall Steins Pillar, and sites where you can hunt for thundereggs.

A third field trip guide into central Oregon — Field trip guide to the Neogene stratigraphy of the Lower Crooked Basin and the ancestral Crooked River, Crook County, Oregon, by Jason D. McClaughry, Mark L. Ferns, and Caroline L.

800 NE Oregon Street
Suite 965, Portland, OR 97232
www.oregongeology.org
(971) 673-1555

Media Contact: James Roddey
Earth Sciences Information Officer
James.roddey@state.or.us
(971) 673-1543 (direct line)
(503) 807-8343 (cell)



The remains of one of the largest explosive volcanic eruptions in the earth's history, from the newly discovered Crooked River Caldera, can be seen at Smith Rock State Park, near Prineville.



Oregon Science Teacher Update Newsletter

May 2009

13. NOAA Guide Aims to Improve Climate Literacy

The U.S. National Oceanographic and Atmospheric Administration (NOAA) is offering a new guide to help people of all ages understand how climate influences them - and how they influence climate. A product of the U.S. Climate Change Science Program, it was compiled by an interagency group led by NOAA.

"This guide is a first step for people who want to know more about the essential principles of our climate system, how to better discern scientifically credible information about climate, and how to identify problems related to understanding climate and climate change," said Tom Karl, director of NOAA's National Climatic Data Center. The 13-page guide is available online at www.climatescience.gov. For print copies, e-mail outreach@noaa.gov or phone 301-713-1208.

Anticipated as part of the Earth Science Week 2009 Toolkit, the guide comes at the start of a new era for NOAA. Jane Lubchenco, an Oregon marine ecologist and founding director of Climate Central, was recently confirmed as the new administrator for NOAA, the nation's top science agency for climate, oceans, and the atmosphere. To see NOAA's education page, visit www.education.noaa.gov.

Science Bytes Newsletter

April 6, 2009

Climate Change Curriculum Guides

Two ready-to-download, interdisciplinary curriculum guides that might be useful.

Climate Change curriculum for grades 6-8:

http://www.facingthefuture.org/Portals/0/Documents/textbooksamples/Climate_change_MS%20Unit_Final.pdf

<http://www.facingthefuture.org/Portals/0/Documents/textbooksamples/Climate_change_MS%20Unit_Final.pdf>

Climate Change curriculum for grades 9-12:

http://www.facingthefuture.org/Portals/0/Documents/textbooksamples/climate_change_HS%20Unit_Final.pdf

<http://www.facingthefuture.org/Portals/0/Documents/textbooksamples/climate_change_HS%20Unit_Final.pdf>

Let's Go Outside

The U.S. Fish & Wildlife webpage for Let's Go Outside is updated monthly. You'll find pages for kids, parents, and educators to go outside and explore.

<http://www.fws.gov/letsgooutside/>

<<http://www.fws.gov/letsgooutside/>>

Dynamic Earth

The Smithsonian Museum of Natural History brings a brief introduction into the physical science of the history of Earth with this website. Sections include Gems and Minerals, Rocks and Mining, Plate Tectonics and Volcanoes, and the Solar System. The website can be viewed either as multimedia or in a print version.

http://www.mnh.si.edu/earth/main_frames.html

<http://www.mnh.si.edu/earth/main_frames.html>

from 3-09 Earth Science Week Update vol.7, no. 3 NOAA Guide Aims to Improve Climate Literacy

The U.S. National Oceanographic and Atmospheric Administration (NOAA) is offering a new guide to help people of all ages understand how climate influences them - and how they influence climate. A product of the U.S. Climate Change Science Program, it was compiled by an interagency group led by NOAA.

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<http://www.education.noaa.gov>.

Dig Into Earth Science Education With USGS

The U.S. Geological Survey (USGS), a longtime Earth Science Week partner, offers a wealth of information on virtually every Earth science topic - from natural resources and hazards to geospatial data - for students, educators, and members of the general public.

The USGS education website

(<http://education.usgs.gov>) includes lesson plans and other resources for K-12 and university educators. For example, GIS Lab focuses on using Geographic Information Systems to teach spatial analysis, and GPS Class provides lessons on Global Positioning Systems in education. USGS has more than 69,000 searchable publications such as maps, books, and charts online. The USGS photo and image collection, in addition, offers thousands of free images. If what you're looking for still proves elusive, just "ask a geologist"

(<http://walrus.wr.usgs.gov/ask-a-geologist>).

And don't forget to check out the USGS podcast series, CoreCast, featuring stories and insights on climate change, satellite monitoring, human health, wildlife disease, and more. To listen, go to

<http://www.usgs.gov/corecast>.

Plan Activities Now for Earth Science Week 2009

Earth Science Week 2009 (Oct. 11-17) won't take place for months - so now is the perfect time to start planning your activities. Don't wait until the hectic first weeks of the next school year. Take this opportunity to make a wish list: How would you like your students celebrate Earth Science Week 2009?

You can promote this year's theme - "Understanding Climate" - by planning activities to help your students learn the geoscience behind Earth's climate. Consider some of the climate-related resources offered by leading partners of Earth Science Week featured in this newsletter, such as USGS, NASA, and NOAA. And conduct ac-



continued from page 770

national teacher organizations, such as the National Science Teachers Association (NSTA)?

I am a member of NSTA and have never seen SEG used as a resource for their teachers, or seen an article about the SEG (other than via AGI) without SEG even being mentioned, even though AGI support comes from SEG and Earth Science Week!

Every local society (geological, geophysical, and engineering) that I have joined has a local youth-education committee or members actively reaching out to schools (in Houston, Dallas, Oklahoma City, Lafayette, Corpus Christi, etc). SEG can join and lead and coordinate in this area, without a doubt.

Universities need feedstock, and they are starting to get involved with K-12 because they see they need more interested and better students, especially from the US (US students are not choosing problem-solving career—they are lazy and non-competitive—what does that tell you?).

—RALPH BAIRD, *SEG Active member
and SEG Trustee Associate*

THE LEADING EDGE SIGNALS

*Executive Committee response continued from page
770*

We've worked with two unsuccessful Tulsa-based initiatives in the last eight years to create an energy museum and have continued to support this regional activity in hopes that a Tulsa initiative would be born. Through the Foundation, SEG has been quite successful in obtaining contributions in establishing numerous new programs, promoting a future in geophysics for interested students. In addition, the SEG established junior membership for interested youth.

While the Foundation has provided strong moral support of K-12 Education and the Geoscience Center, the discretionary spending of the Foundation will be more constrained than in recent years. In the recent successful campaign, major corporations indicated no interest in supporting a Tulsa-based operation, and to-date no Tulsa funding has been committed. They also indicated that youth efforts are more effective in collaboration with other scientific organizations, as the task is so large.

The Executive Committee values the work of both committees and is committed to maintaining the historical materials assembled in the museum. The collection will be catalogued, photographed and displayed on the web for global impact with the material maintained in museum-quality storage. Exhibits will be loaned for exhibition to interested museums if a solid proposal is submitted. We ask the Historical Preservation Committee to continue to work both to build the collection and to improve the quality of the virtual museum, placing items in our collection in a historical and technical context. We request the Youth Education Committee strengthen the program through collaboration with other societies, e.g., AGI, NSTA, SPE, and to sponsor and encourage other activities such as the International Science and Engineering Fair and Earth Science Week.

We'll proceed slowly with this change, completing the process needed to maintain the materials. The Executive Committee will consider various options for utilizing the space, and the financial ramifications of each, before making any decision.

We ask the SEG Committees to develop high-impact, collaborative approaches to youth education and historical preservation that will strengthen SEG's contributions to these important efforts globally.

—LARRY LINES, *SEG President*
—STEVE HILL, *SEG President-elect*

Society of Exploration Geophysicists News Briefs

April 15, 2009

http://www.seg.org/SEGportalWEBproject/portals/SEG_Online.portal?_nfpb=true&_pageLabel=pg_gen_content&Doc_Url=prod/SEG-News/Newsbriefs/2009/briefs15april2009.htm

AGI announces Earth Science Week 2009 theme

14 April 2009—The American Geological Institute is announcing that "Understanding Climate" is the theme for the 2009 Earth Science Week.

Climate is perhaps the most visible Earth science topic in the news. Climate affects humans today just as it has for millions of years. It is also pivotal in understanding how the dynamics of our planet function across different scales of time and space. Earth Science Week 2009 will engage students, educators, and the general public in understanding all the factors driving climate and the role climate plays in the history of Earth and humankind.

AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, and the broader geoscience community through grassroots activities.

Triangle Coalition Electronic Bulletin Newsletter

July 30, 2009 - Volume 15, Number 29

-- 2009 EARTH SCIENCE WEEK TOOLKITS NOW AVAILABLE

The Earth Science Week 2009 (October 11-17) Toolkit enables students, educators, and the public to fully explore this year's theme "Understanding Climate." The latest edition of this resource is now available through the American Geological Institute (AGI). It contains a 12-month school-activity calendar and classroom poster provided by AGI, its Member Societies, and other organizations. Along with these traditional Earth Science Week publications, this year's Toolkit features a variety of educational climate resources from the U.S. Geological Survey (USGS), NASA, and the National Oceanic and Atmospheric Administration (NOAA). A report on the "Ecological Impacts of Climate Change" and a new brochure outlining principles for Earth Science literacy are also included. Multimedia features this year include NASA's "Dynamic EARTH" DVD-ROM and a CD-ROM on GIS technology from ESRI. Additional informational materials within the kits include a National Park Service poster highlighting the nation's glaciers and literature on the National Wildlife Refuge System. Like years past, the 2009 Toolkit contains a genuine field notebook from Rite in the Rain. These items and much more make the Earth Science Week Toolkit ideal for engaging students and general public to explore the geosciences. The Toolkits are available for the cost of shipping and handling and bulk pricing is available. Find out more at www.earthsciweek.org/materials.

Earth Science Week is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by Triangle Coalition member, the American Geological Institute (AGI), with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation. AGI is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists, and other earth scientists.

Triangle Coalition Electronic Bulletin Newsletter

June 4, 2009 - Volume 15, Number 22

-- AGI SPONSORS CONTENTS FOR EARTH SCIENCE WEEK 2009

Triangle Coalition member, the American Geological Institute (AGI), is sponsoring three national contests in conjunction with Earth Science Week 2009, "Understanding Climate," October 11-17, 2009. All U.S. residents are encouraged to enter "How Climate Shapes my World" -- this year's Earth Science Week photography contest. Entrants should use their cameras to capture an image that best represents the climate in their local environs. Students in grades K-5 are eligible to enter the visual arts contest, "The Climate Where I Live." Submissions should illustrate not only what the climate is like today in your town, but what it was like 100,000 years ago. The essay contest "Climate Connections," is open to students in grades 6-9. Submissions should focus on how climate interacts with all of the earth systems in their community and how those earth systems in turn influence climate. Earth Science Week is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation. To learn more about Earth Science Week and these contests, visit www.earthsciweek.org/contests.

The American Geological Institute is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment. More information is at www.agiweb.org.

University of Massachusetts, Dartmouth Education News

June 2009

www.dartmouth.k12.ma.us/district/.../UMASS%20Science.pdf

Earth Science Week K-9 Student Contests:

Entries Due Oct. 16

AGI is sponsoring three national contests for Earth Science Week 2009. The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.

The photography contest, open to all ages, focuses on "How Climate Shapes My World." The visual arts contest, titled "The Climate Where I Live," is open to students in grades K-5. Finally, students in grades 6-9 are eligible to enter the essay contest: "Climate Connections." Essays of up to 300 words should describe how climate interacts with Earth's systems - geosphere, hydrosphere, atmosphere, and biosphere - in your area.

Entries may be submitted starting now, but all are due by the Friday of Earth Science Week, Oct. 16, 2009. The first-place prize for each contest is \$300 and a copy of AGI's "Faces of Earth" 2-DVD package. To learn more about these contests, including how to enter, visit <http://www.earthsciweek.org/contests/>.

2009 Annual Meetings and more...

Hard to believe, but it's time to think about annual meetings for next academic year!

- This year's **Annual GSA** meeting is titled *From Volcanoes to Vineyards: Living with Dynamic Landscapes* and will be held in Portland, OR from October 18-21. Abstract submittal is now open and will close August 11th. Registration opens in June. Find out more about the meeting here: <http://www.geosociety.org/meetings/2009/>
- **GSA's Northeast** sectional meeting will combine with the Southeast in 2010 for a joint meeting held in Baltimore, MD from March 13-16. Stay up to date on meeting information here: <http://www.geosociety.org/sectdiv/sections.htm>

- **AAPG's** meeting is June 7-10, 2009, in Denver, CO. Find our more about the meeting here: <http://www.aapg.org/Denver/>

- **AGU** Fall meeting is the 14-18 of December in San Francisco, CA. Find our more about the meeting here: <http://www.agu.org/meetings/fm09/>

- **Environmental Scholarships Available!** Environmental Professionals Of Connecticut recognizes its duty to assist in the education of individuals planning a career in the environmental industry. Consequently, the EPOC Environmental Scholarship Fund was established in to assist **Connecticut residents** who are



attending a college or university (CT colleges or out of state colleges) and have **declared majors pertinent to the environmental field**. The scholarships are awarded annually to junior, senior, and graduate level students (full or part time) enrolled in accepted programs of study <http://www.epoc.org/> and go to scholarship.

Earth Science Week 2009—Oct. 11-17



AGI invites you to take part in Earth Science Week 2009! Being held **October 11-17**, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the geosciences.

"Understanding Climate," the theme of

Earth Science Week 2009, will promote scientific understanding of a timely, vital topic: Earth's climate.

AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey,

NASA, the National Park Service, the AAPG Foundation, and other geoscience groups.

For More Information on Earth Science Week visit: <http://www.earthsciweek.org>

Check out the "Why Earth Science" Video on YouTube! <http://www.youtube.com/watch?v=jxb1JH4fTYo>

GeoTrivia!

Fun with Geoscience Trivia

1. What name is given to substances, like carbon, that can be found in two or more forms (such as diamond or graphite)?
2. In what period would you find

the Coblenztian?

3. A crystal that is in the shape of a dodecahedron has how many faces? (*hint: see photo!*)

Check your answers:

http://www.geosociety.org/GSA_Connection/0903/trivia.htm



University of Leeds July Newsletter

see.leeds.ac.uk/news-items/circular/2009-07-02-SEE-circular.pdf

PHOTO COMPETITION

International Year of Planet Earth & Earth Science Week 2009

To celebrate the International Year of Planet Earth and Earth Science Week 2009, the American Geological Institute (AGI) is sponsoring a major international photography contest: "Exploring Earth Science Around the World"

<http://www.earthsciweek.org/contests/iypephotocontest/index.html>

Submissions deadline is in October.

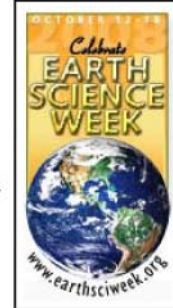


USGS GeoHealth Newsletter

http://health.usgs.gov/geohealth/v06_n02.html

No Child Left Inside

Step away from the television! Turn off your computer! Head for the outdoors! The evidence is growing: Americans spend less and less time outdoors. During Earth Science Week 2008 the USGS encouraged everyone, especially young people, to get outside. USGS [Earth Science Week Web site](#) offered a few solutions, such as a list of parks with notes on interesting, exciting or unique things to do in each park, and downloadable 3-D National Parks map with instructions on how to create your own 3-D glasses! The USGS partnered with the [American Geological Institute](#) and its member societies to sponsor this annual international event. [Earth Science Week 2009](#) is October 11-17.



Virginia Department of Environmental Quality July/August 2009 Newsletter
http://www.vanaturally.org/vanaturally/july_augustnews09.html#ue

Deadline for Submission is September 25, 2009

Do you and your students have ideas for how your classroom could be made more sustainable? Can you share your ideas with the community? Check out The Bright Green Dream: A School Sustainability Challenge: <http://www.greenovationnation.com/dream/>

Earth Science Week Contests

Deadline to Submit is October 16, 2009

The American Geological Institute announces three contests in celebration of Earth Science Week which is October 11 – 17. The 2009 Theme is "Understanding Climate." There is an essay, photography, and visual arts contest. For more information, go to: <http://www.earthsciweek.org/contests/index.html>

27 East Community News Online

http://www.27east.com/story_detail.cfm?id=240846&town=Eastport&n=Eastport%20South%20Manor%20school%20news%2C%20October%2022

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27east Community News

**Gary DePersia**

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Publication: The Southampton Press

Eastport South Manor school news, October 22

Oct 20, 09 9:33 AM

EASTPORT SOUTH MANOR

In recognition of National Fire Safety and Prevention month, Eastport Elementary School students received a visit from the Eastport Fire Department earlier this month. Firefighters arrived on a fire truck and met with first, second and third grade students.

The firefighters discussed several fire safety and prevention issues with the children, including the importance of smoke alarms, assigning and practicing escape routes from a house, and the correct way to "stop, drop and roll" in the event that their clothes catch fire. After the assembly, students received a tour of the fire truck.

Students at South Street Elementary School were part of an attempt to set a new record for the largest simultaneous reading of a book with a reading of "The Very Hungry Caterpillar" on October 8. The event was sponsored by the not-for-profit early literacy advocacy group Jumpstart. The book was read aloud in classrooms around the world. After the reading, students created several caterpillar- and butterfly-theme crafts that are now on display in the school's kindergarten hallway.

The Science Department at the Eastport South Manor Junior-Senior High School celebrated Earth Science Week from October 11-17. Students participated in a variety of activities and a plethora of posters were on display in the school. Students also attended assemblies that featured Jack Monti of the U.S. Geological Survey and Melissa Griffiths of the Central Pine Barrens Commission as guest speakers.

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- › Springs community notes, November 4
- › East Hampton community notes, November 4
- › Eastport community notes, November 5
- › Students sound off on standardized exams

[more](#)

On Tuesday, November 3rd



RE-ELECT **Nuzzi '09**

SOUTHAMPTON TOWN COUNCIL

We Lead the Hunt Ltd.



4.5 Billion Years of Wonder Blog

<http://geo-geek.blogspot.com/2009/10/earth-science-week-is-next-week.html>

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4.5 BILLION YEARS OF WONDER

ROCKS, SKEPTICISM, AND OTHER RANDOM STUFF THAT I THINK IS COOL. AT LEAST ONE ENTRY PER WEEK, UPDATED ON WEDNESDAY. GEOLOGY FOR THE WIN!

THURSDAY, OCTOBER 08, 2009

Earth Science Week is next week!

Happy Earth Science Week in advance! Make sure that you hug a geologist! Or a climatologist or ecologist, if you must find a substitute.

Every year, Earth Science Week has a theme, with a lot of support from government agencies (such as NASA and NOAA), and professional groups (such as AAPG and AAAS). Lots of very cool stuff in general for promoting science, science education, and science careers.

What I think is even cooler, though, is that ESW does a theme every year, with materials gathered to provide education for that theme. This year's is "Understanding Climate," which I think is a really good one. Getting a grasp of the basics behind the complex interactions that make the climate is important for everyone, and then we can also talk about climate change, its importance, and implications. (Because there *is* a consensus. Thanks, IPCC.)

I wonder how many students will actually get to participate this year, and how many have in the past. It's something I worry about. There are a lot of good opportunities in something like this, for kids to learn. But considering the horror stories I hear from my friend who teachers at a high poverty school, I'm forced to wonder if kids like the ones in her class will get to benefit and learn. I know for certain that there are kids in every class that would love to learn more about the Earth; when I visited her classroom last year to talk a little bit about rocks, some of the kids were really excited about science. But when you've got the government (and the school administration) breathing down your neck about the reading, writing and math (the only subjects tested under No Child Left Behind) I think it means a lot of kids have and are going to miss out on things

BLOG ARCHIVE

- ▼ 2009 (39)
 - ▼ October (15)
 - Two interesting science bits for today.
 - A Home-Grown Hoax
 - Cloudy with a chance of rhyolite.
 - Fear and Panic, Panic and Fear
 - Tying the knot
 - Cell phone + driving = BAD
 - About time those furry little bums get real jobs.
 - Here Comes Science!
 - A Girl and Her Pet Rock (2)
 - Even real Mayans think the 2012 Apocalypse is BS
 - A couple of cool things for Tuesday!
 - Earth Science Week is next week!
 - Modeling Meanders
 - A Girl and Her Pet Rock (1)
 - I love the Ig Nobels
 - September (5)
 - August (7)
 - July (12)
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- 2006 (9)

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Earth Science Week

User Rating: / 2

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Posted by Coreen Savitski | Monday, 12 October 2009
csavitski@wmgt.com
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The Museum of Arts and Sciences celebrates Earth Science Week.

This is a time set aside to help us understand and appreciate Science. Jim Greenhouse with the Museum of Arts and Sciences joined us on Daybreak to talk about the big week.



Beginning October 13th, The Museum of Arts & Sciences will have a mini-exhibit up to celebrate the week, focusing on understanding climate. Museum goers can learn how our Earth works. The mini-exhibit runs through Sunday, October 18th.

Also, a new planetarium show, "Two Small Pieces of Glass," debuts at the museum this week. The show focuses on the power of the telescope. You can view this planetarium show Tuesday-Sunday at 4pm, now through January 4th.

For more information about Earth Science Week and the Museum of Arts & Sciences, visit www.MASMacon.com



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Suggestions

Earth Science Week

Submitted by [Coreen Savitski](#) on Mon, 2009-10-12 05:55
The Museum of Arts and Sciences celebrates [Earth Science](#) Week.

This is a time set aside to help us understand and appreciate Science. Jim Greenhouse with the Museum of Arts and Sciences joined us on Daybreak to talk about the big week.




COREEN SAVITSKI

Beginning October 13th, The Museum of Arts & Sciences will have a mini-exhibit up to celebrate the week, focusing on understanding climate. Museum goers can learn how our Earth works. The mini-exhibit runs through Sunday, October 18th.

Also, a new planetarium show, "Two Small Pieces of Glass," debuts at the museum this week. The show focuses on the power of the [telescope](#). You can view this planetarium show Tuesday-Sunday at 4pm, now through January 4th.

For more information about Earth Science Week and the Museum of Arts & Sciences, visit www.MASMacon.com
[Coreen](#)

AAPG Student Outlook

<http://blog.aapg.org/students/?p=121>

AAPG Student Outlook

news for AAPG Student Chapters and their members

AGI Earth Science Week Update

I know many of the AAPG Student Chapters participate in AGI's Earth Science Week, so I thought I would pass this along:

EARTH SCIENCE WEEK UPDATE
American Geological Institute
Vol. 7, No. 2: February 2009

IN THIS ISSUE...

- * Climate to Be Theme of Earth Science Week 2009
- * Make Connections With Geoscience Partners Network
- * NASA Webcasts Target Grades 3-8 Teachers
- * AGI Reports on Geoscience Education, Workforce
- * Young Earth Scientists to Gather in China
- * Ward's Natural Science an Earth Science Partner

Climate to Be Theme of
Earth Science Week 2009

AGI is pleased to announce the theme of Earth Science Week 2009: "Understanding Climate." Being held October 11-17, Earth Science Week 2009 will promote scientific understanding of a timely, vital topic: Earth's climate.

Begin planning now for activities and resources designed to help students and citizens answer key questions. How do geoscientists determine the causes of weather patterns? What is the difference between weather and climate? How has our climate changed in the past - and how is it changing now?

AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth.

The program is supported by the U.S. Geological Survey, NASA, the AAPG Foundation, and other major geoscience groups. To learn more about Earth Science Week, related resources, and ways to participate, go to <http://www.earthsciweek.org>.

Make Connections With
Geoscience Partners Network

To facilitate partnerships between educators and others in the geoscience community, AGI is launching the Geoscience Partners Network (GPN). Soon you'll be able to use a powerful online tool - the GPN Map on the Earth Science Week website at <http://www.earthsciweek.org> - to identify geoscience partners near you, access relevant information, and network with colleagues to forge meaningful partnerships.

Want to organize a field trip or a classroom visit? Teachers can make the most of Earth Science Week and other educational opportunities by working closely with professional scientists, university professors, local employers, nonprofit representatives, environmental educators, and government leaders in the geosciences.

Planned to launch in the months prior to Earth Science Week 2009, the GPN Map will pinpoint local contacts near you for AGI Member Societies, state geological surveys, agencies such as USGS and NASA, universities offering geology programs, parks, museums, and other groups. To recommend an organization for inclusion, please contact AGI's Jason Betzner (jpb@agiweb.org).

NASA Webcasts Target
Grades 3-8 Teachers

NASA Langley Research Center, working in cooperation with the National Oceanographic and Atmospheric Administration and the Virginia Department of Education Region 2 Math/Science Coalition, is offering a series of professional development webcasts for teachers of grades three through eight.

AAPG Student Outlook

August 2009

<http://blog.aapg.org/students/?p=251>

AAPG Student Outlook

news for AAPG Student Chapters and their members

Student Chapters: Time to get ready for Earth Science Week

AAPG has been a long time partner with AGI on this great program.

For many of AAPG's Student Chapters this is an annual Chapter activity, and I recently saw an update about Earth Science Week in AGI's e-newsletter so I thought I would share it with you.

EARTH SCIENCE WEEK UPDATE
American Geological Institute
Vol. 7, No. 7: July 2009

IN THIS ISSUE...

- * Earth Science Week Toolkits Available Now
- * Literacy Initiative Boosts Earth Science Awareness
- * GSA Geoscientists Reach Out to Educators
- * GeoConnection Network: Join on Facebook
- * Explore Climate Topics at ASTC Conference
- * Earth Science Week Booming in Australia

Earth Science Week Toolkits
Available Now

Earth Science Week 2009 Toolkits are available now! To ensure that you are among the first to receive these exciting educational resources, order yours today. The Earth Science Week 2009 Toolkit includes:

- * A 12-month school-year activity calendar, suitable for hanging
- * The new Earth Science Week poster, including a climate activity
- * USGS climate education resources, including volcano materials
- * NASA climate resources, including a "Dynamic Earth" DVD
- * A report on "Ecological Impacts of Climate Change"
- * A National Park Service poster on glaciers nationwide
- * A new brochure outlining principles for Earth science literacy
- * A CD on GIS technology and activities from ESRI
- * A genuine field notebook from Rite in the Rain
- * Climate literacy materials provided by NOAA
- * Information about the National Wildlife Refuge System
- * Activity sheets from the Association for Women Geoscientists
- * Brochures, bookmarks, fact sheets, postcards, and more

For ordering, special shipping, bulk orders, and more information, visit <http://www.earthsciweek.org/materials/index.html>.

Literacy Initiative Boosts
Earth Science Awareness

To know Earth science, what do you need to know? The Earth Science Literacy Initiative (ESLI), funded by the National Science Foundation, has gathered and codified the underlying understandings of Earth sciences into a short brochure that is included in this year's Earth Science Week Toolkit.

The brochure outlines the "big ideas" and supporting concepts all Americans should know about Earth science. This literacy framework also will become part of the foundation – along with similar documents from the ocean, atmosphere, and climate

About.com Article

http://geology.about.com/od/geologyandculture/a/aa_0422XX.htm

New Goals for Earth Day

A dialog in all directions must start in earnest.

Business, environmentalists, and politicians today use science as a shield to avoid consensus, not a tool to explore possibilities. They will declare victory for their favored policy choices, black/white style, no matter what the global climate does.

Only the scientists are equipped to judge the shades of gray in the real data (though even they are prone to overcertainty). Neutral ignorance and neutral uncertainty—what precisely do we *not* know, and with what probability?—are close to the scientist's heart.

But "ignorance" also has another, more mystical meaning. It's the awareness, in all humility, that even the familiar things around us are fundamentally a mystery. This kind of ignorance is the very basis of good science, and I think everyone who knows all the answers should cultivate some. So let us all meditate upon that round blue globe, and the uncertainty of certainty, this coming Earth Day.

PS: What should geology-minded people do about Earth Day? Colleges, professional societies and government agencies are putting more and more of their energy into [Earth Science Week](#) in October. [If it were up to me](#), I'd mix Earth Day with a bit of Burning Man instead. Meanwhile the real original [International Earth Day](#), in March on the equinox, continues to be a solemn adult occasion.

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http://uspark.about.com/b/2009/09/26/visit-grand-canyon-for-earth-science-week-2009.htm

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Lauren's National & State Parks Blog

By **Lauren Himiak**, About.com Guide to National & State Parks

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Visit Grand Canyon for Earth Science Week 2009

Saturday September 26, 2009

With [National Parks Week](#) trickling to an end, we must focus on the next exciting week: [National Earth Science Week](#)! October 11-17, 2009 is just that and if you are looking to make the most out of it, I suggest visiting [Grand Canyon National Park](#).

Grand Canyon is offering many programs and activities to celebrate the event, including ranger- and resource management-led programs on the park's geology. The grand finale to the week will be a geology field trip on Desert View Drive led by U.S. Geological Survey research geologist George Billingslev on Saturday, October 17.





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<http://geology.about.com/b/2009/10/11/welcome-to-earth-science-week-2009.htm>

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Andrew's Geology Blog
By **Andrew Alden**, About.com Guide to Geology since 1997

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Welcome to Earth Science Week 2009

Sunday October 11, 2009

On the opposite side of the calendar from Earth Day is a whole week dedicated to geology. This year Earth Science Week is October 11-17. The week includes the 20th anniversary of the Loma Prieta (World Series) earthquake, and that will spawn some activities. See what your state is doing at earthsciweek.org.

There's a lot of work to do in raising public awareness; for any educator out there, whether you're in a school or teaching your children at home, the foundation of that awareness is a small set of basic principles. The [Earth Science Literacy Initiative](#) counts nine of them. They're worth pondering and analyzing this week, no matter what else you do.

[Background of Earth Science Week](#)
[What's wrong with Earth Day?](#)
[The bigger goal: Earth Life](#)

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Comments

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(1) Jeff Goldstein says: October 14, 2009 at 1:20 pm

This Earth Science Week's focus is on understanding climate. We are now 2 months out from the all important UN Climate Change Conference in Copenhagen. It is a likely last opportunity for the world to come together on global warming in advance of the Kyoto Protocol expiration.

My Center is using Earth Science Week to kick off 2 months of climate education. Featured at Blog on the Universe are posts on Earth's environment and climate change that are great for the general public, and can also be used as lessons in the classroom.

Read them with a cup of coffee.

See: <http://twtr.me/06Q>

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Thursday, October 8, 2009

Grand Canyon National Park To Celebrate Earth Science Week October 11 - 17, 2009

A Special [Geology](#) Field Trip on Desert View will be offered on Saturday, October 17

Grand Canyon, Arizona - [Grand Canyon National Park](#) will celebrate Earth [Science](#) Week by offering a variety of special programs and activities during the week of October 11 - 17, 2009. Ranger and resource management led programs on the park's geology and other earth science topics will be offered and exhibit panels from the Mapping The Canyon exhibit developed by Grand Canyon Association will be on display in the lobby of park headquarters. A geology field trip on Desert View Drive led by U.S. Geological Survey [research](#) geologist George Billingsley on Saturday, October 17 will culminate the week's events.

Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences and is

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AIPG News....

Early Registration Extended - August 3, 2009

AIPG Annual Meeting, Geology and Resources Conference, Rocky Mountains and the Colorado Plateau - Canyons, Resources, & Hazards in Grand Junction, Colorado on October 3-7, 2009. Register early and save \$45! [Online Registration](#) or [Registration Form](#) Available. [Reservation to DoubleTree Hotel online with discounted rate](#). Meeting details available on the conference website: http://www.aipg.org/2009/GJ_home.htm Sponsorship and [Exhibit Space](#) still available. **Program Change: Field Trip - Utah's Arches/Canyonlands & Dead Horse Point will be on Sunday (October 4th) instead of Saturday (October 3rd).**

Invitation to Submit an Article to TPG

You are invited to submit an article, paper, or guest column based upon your geological experiences or activities to the American Institute of Professional Geologists to be included in "The Professional Geologist" (TPG) bi-monthly journal. The article can address a professional subject, be technical in nature, or comment on a state or national issue affecting the profession of geology. Article submissions for TPG should be 800 to 3200 words in length. Photos, figures, tables, etc. are always welcome! [Author instructions are available on the AIPG National Website](#). AIPG Members that are interested in becoming an Associate Editor are required to fill out a [questionnaire](#) available on the AIPG National Website.

Budgetary Developments May Result in Elimination of Ohio Geological Survey

In the event you haven't yet learned of the budgetary developments in Ohio which will result in the elimination of the Ohio Geological Survey, please review the attached summary from Mac Swinford, Assistant Chief. It's apparent that without the rapid and unequivocal support of Ohio Geological Survey constituents, the citizens of Ohio will no longer be able to enjoy the work and services provided by the Ohio Geological Survey to support the state's economy and the public commonwealth. [Please use the information provided by Mac to contact your legislators immediately.](#)

National Science Foundation - Earth Science Brochure

The Earth Science Literacy Initiative (ESLI), funded by the [National Science Foundation](#), has gathered and codified the underlying understandings of Earth sciences into a succinct document that will have broad-reaching applications in both public and private arenas. It establishes the "Big Ideas" and supporting concepts that all Americans should know about Earth sciences. [Download the Earth Science Literacy Principles Guide](#) (18.6 MB pdf).

EARTH SCIENCE WEEK UPDATE

American Geological Institute, Vol. 7, No. 6: June 2009. IN THIS ISSUE... Geoscience Partners Host Global Photo Contest, Online Report Answers Your Climate FAQs, National Parks' Web Rangers Explore Geoscience, Discovery Earth Website Tackles Hot Topics, Post Photos Online From Earth Science Week, Geology.com Offers News, Info on Earth Science, and Watch NASA eClips for Educational Videos. <http://www.earthsciweek.org/>

TPG July-August 2009 now online.

Fulbright Scholar Program for US Faculty and Professionals

The Fulbright Scholar Program offers 69 grants in lecturing, research or combined lecturing/research awards in environmental science, including 4 Fulbright Distinguished Chairs, the African Regional Research Program and the Middle East and North Africa Regional Research Program. Even better, faculty and professionals in environmental science also can apply for one of the 144 "All Discipline" awards open to all fields. The application deadline is August 1, 2009. U.S. citizenship is required. For a full listing of all Fulbright programs and other eligibility requirements, please visit our website at www.cies.org or send a request for materials to scholars@cies.ile.org. For a detailed listing of Fulbright opportunities in environmental science, please consult our website at: http://www.cies.org/award_book/award2010/discipline/ENV121.htm

AIPG National Student Scholarship Winners Announced

The AIPG Academic Education Committee carefully reviewed the 29 applications received and the seven students to receive \$1,000 each are: Laainam Chaipornkaew, California Institute of Technology, California; Stephanie Jarvis, The College of Wooster, Ohio; Jamie Kern, Montana State University, Montana; Andrea McHugh, Georgia Southern University, Georgia; Anna Perry, University of Nevada-Reno, Nevada; Daniel Siane, State University of New York at Potsdam, New York; and Mark Spindler, University of Alaska-Anchorage, Alaska. The essays from the scholarship winners will be published in the next issue of TPG. Congratulations!

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August 8, 2009
Glenwood Springs, Colorado
Ramada Inn & Suites
9 am - 5 pm

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AIPG Georgia Section Presents:
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2009 Geology and
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AIPG Annual Meeting
 October 3 - 7, 2009
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[conference website](#)

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(303) 412-6205 or cld@aipg.org

AGI GOVERNMENT AFFAIRS
MONTHLY REVIEW
June 2009

AGI Releases - Geoscience and
Science and Engineering
Employment at the State Level

Geoscience Currents #20 reports on geoscience and science and engineering employment at the state level. Science and engineering employment comprises a small

All My Faults are Stress Related Blog

http://scienceblogs.com/stressrelated/2009/07/linkfest_earth_science_week_aw.php

[Linkfest: Earth Science Week, AWG's new website, and annual meetings galore](#)

Category: [PSA](#) • [climate](#) • [conferences](#) • [links](#) • [women in science](#)

Posted on: July 29, 2009 8:53 PM, by [Kim Hannula](#)

[Earth Science Week 2009](#) will be October 11-17 (ending on the 20th anniversary of the Loma Prieta earthquake!).

This year's theme is "Understanding Climate." There are [photo, visual arts, and essay contests](#), and Thursday is going to be the first "Women in Geosciences" day. (And then Friday will be "frantically put posters together for GSA" day. Maybe the people who prefer AGU can make this year's Earth Science Week happen...)

The Association for Women Geoscientists has a [new website](#) (at the old address). They're now collecting dues online, but the transition to a paperless world has been rough, and lots of people haven't renewed. So if you mean to be an AWG member, check out the new website and find out if you need to renew. (Their newsletter is also now entirely online. And there's information about scholarships, including two new awards to support women students traveling to geoscience meetings.)

The abstract deadline for the [Geological Society of America annual meeting](#) in Portland, Oregon is less than two weeks away - Tuesday, August 11. If you're on Twitter, you can follow [@geosociety](#) for reminders of meeting information and 140-character teasers about field trips. Some of the sessions I'm looking forward to include:

All My Faults Are Stress Related Blog

http://scienceblogs.com/stressrelated/2009/10/its_earth_science_week.php

It's Earth Science Week

Category: [climate](#) • [conferences](#) • [environment](#) • [kids](#) • [teaching](#) • [women in science](#)

Posted on: October 12, 2009 9:00 AM, by [Kim Hannula](#)

It's ! It's also the week before the [Geological Society of America annual meeting](#), and I'm going to be spending this week running around like a chicken with my head cut off, trying to get everything graded, an exam written, a post written about my talk (Tuesday afternoon), and my student's poster printed. (He's graduated and currently fighting forest fires, and he put the draft poster together by himself, so I guess I can wrestle with the dreaded plotter.) So I'm probably not going to try to help you understand climate myself. However, I can be a cheerleader for this week's events!

Tuesday is No Child Left Inside day. If you're as busy as I am, and can't actually take kids outside while you're putting the finishing touches on your GSA presentations, I've got a solution for you. Donate to the geobloggers' . As a bonus, Anne at Highly Allochthonous has [picked out five projects](#) that she would like to see fully funded, and Anne and Chris promise to take requests for post topics as a thank-you gift to donors. (The [zombie-protection rock hammers project](#) has been funded, thanks to all of you - I guess I can take a post request for that one!)

Thursday is Women in the Geosciences day. So, um, help your favorite woman geoscientist by doing something to let her get ready for GSA. (I love the idea, but I am completely failing in my mentoring duties on that day. Meant to have a potluck for students, but I'm going to be flying to Portland the next afternoon...)

All My Faults Are Stress Related Blog

http://scienceblogs.com/stressrelated/2009/10/the_great_california_shake_out.php

[« It's Earth Science Week | Main | Why scientific meetings? »](#)

The Great California Shake Out, and the World Series Quake... 20 years later

Category: [earthquakes](#)

Posted on: October 14, 2009 9:41 PM, by [Kim Hannula](#)

There's a lot going on the online geo-world tomorrow. It's [Blog Action Day](#), and the subject is Climate Change. It's Earth Science Week's first Women in Geoscience day. And, at 10:15 am Pacific time, it's California's second annual earthquake drill - the [Shake Out](#).

I don't live in California, but I might crawl under my desk tomorrow morning just to be part of the action. Because there's a big anniversary coming up on Saturday, and I'll be busy in Portland, Oregon, without the time to post.

At 5 pm on [Tuesday, October 17, 1989](#), I was just settling down to do my Chinese homework. (Yes, I had been procrastinating.) I had been living in California for three weeks, in a frat-house-turned-hippy-co-op, just getting started in grad school. I knew how close the fault was, and that the building where I lived had been built just a few years after 1906. But geologic time is long, and human time is short, and even a geology grad student can find it difficult to imagine tectonic and human time converging.

It began with a rattling, like a big truck driving by. I was excited. Then it started shaking more, and I considered crawling under my rather flimsy desk. But then the desk started moving across the floor, so I



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CoreBits: Allied Organizations — AGI Reports on the State of Geoscience Employment; Earth Science Week 2009; GSI Announces Call for RFP in R&D

Geo-Strata — *Geo Institute of ASCE*, Vol. 13, No. 3, May/June 2009, pp. 53-54
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Earth Science Week (10/14/2008)
NASA/Goddard Space Flight Center



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Keep your eyes glued to the Goddard Web site through the week of October 12 for daily videos that answer several questions about our home planet. The videos are all part of Earth Science Week: 2008, themed 'No Child Left Inside.' Note: How will the Earth System Change in the Future?Goddard's Dr. Sushel Unninayar discusses the future of earth systems and in particular the potential human health implications associated with global warming.For complete transcript, click here. Producer: Ryan Fitzgibbons (UMBC). Scientist: David Adamec (NASA/GSFC), Marc Imhoff (NASA/GSFC), Claire Parkinson (NASA/GSFC). Videographer: Ryan Fitzgibbons (UMBC).

This movie is part of the collection: [NASA Images](#)

Producer: NASA/Goddard Space Flight Center
Keywords: [Clouds](#), [Earth](#), [Earth Science](#), [Global Warming](#), [Hurricane](#), [Natural hazards](#), [Sea Ice](#), [Vegetation](#), [Earth Science](#), [Atmosphere](#), [Atmospheric Phenomena](#), [Hurricanes](#), [Edited Feature](#), [Education](#), [What -- Earth](#)

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ASLO (Advancing the Science of Limnology and Oceanography)

http://www.aslo.org/announce/agi_photography.html



INTERNATIONAL PHOTOGRAPHY CONTEST: OEXPLORING EARTH SCIENCE AROUND THE WORLD

For Immediate Release
Contact: Geoff Camphire gac@agiweb.org

Alexandria, VAThe American Geological Institute is sponsoring an international photography contest to celebrate both the International Year of Planet Earth (IYPE) and Earth Science Week 2009. The theme of the contest is "Exploring Earth Science Around the World."

The contest is open to people of all ages worldwide. Contest entrants are encouraged to submit photos that capture the spirit of IYPE by illustrating earth processes and geoscience research where they live. Appropriate subjects include rivers and streams, changing weather, topography, oceans, glaciers, or researchers in the field or lab. Entries will be judged for both creativity and relevance to the topic.

To learn more about this contest, including rules for submissions, deadlines, and prizes, visit

<http://www.earthsciweek.org/contests/iypephotocontest/>

Earth Science Week is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, U.S. Department of Energy, ExxonMobil and the American Association of Petroleum Geologists Foundation. To learn more about this event, please visit <http://www.earthsciweek.org/>.

The American Geological Institute is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

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<http://asset.colorado.edu/post/1023>

Highly Allochthonous: <http://scienceblogs.com/highlyallochthonous/>

This blog is co-written by a geologist, Chris Rowan, at the University of Edinburg and one in the states, Anne Jefferson, at the University of North Carolina at Charlotte. While Rowan writes about paleomagnetism, Jefferson discusses hydrology, geomorphology and climate change.

The material on this blog is easy to read. While they often delve into lengthy explanations of geologic processes and events, they are almost always backed with photos, diagrams and videos. This media provides a background, context clues and extra visual information that help beginner geologists (and the average reader) catch on.

Recent posts on this team blog have focused on Earth-Science week. Each day focuses on a specific geologic or earth-space science topic that people can donate money to through the 'Geobloggers Giving Kids the Earth.' Each post during the week provides the opportunity to donate, and gives blog readers a lesson on what kids are learning with the help of these donations.

Another [recent post](#) discusses how to make a meandering river in your basement. Really, it offers a well-explained narrative and supporting video that tells why meandering rivers are the most common kind of river on earth, and why it has been so hard to replicate in a laboratory.

Another photo- and drawing-backed [post](#) explains the mechanisms behind two unusual earthquakes that recently occurred in Samoa and Indonesia.

Through The Sand Glass: <http://www.throughthesandglass.typepad.com/>

Michael Welland writes this blog on sand. Seemingly a mundane topic, this geologist and author (Sand: The Never Ending Story) brings sand and its processes to life with thoughtful, researched and media-filled posts.

A [recent post](#) in honor of Earth-Science week, discusses the "fundamentals of earth-science literacy" that everyone should know, relating each point back to what the blog is all about: sand. Some of these facts include "The earth is 4.6 billion years old." And "Earth is continuously changing." While these might sound like simple facts, Welland brings them to life by linking the fundamentals to sand-related points of view.

[Another recent post](#) includes a very brief discussion of the sand around the Auvergne region of France's Massif Central. A [longer post](#) uses explanations and lots of pictures to explain an example of sand dynamics.

Takeaway

All these blogs come from a slightly different perspective—teacher, student, and researcher—and all can give students a view of what being a geologist looks after graduation. These blogs can also be good resources for teachers who are looking for new media and new angles to teach their subject.

If you're interested in these blogs, subscribe to their [RSS feed](#). If you were looking for something different, take a look at their [blogrolls](#), and see who they recommend you should be reading.

Written By: Kate Vander Wiede, CU '09, ASSETT Staff

[Tech Ideas](#)

Association of Earth Science Editors

<http://geoeditors.wordpress.com/2009/08/13/earth-science-week-11-17/>

Association of Earth Science Editors

A blog about recent AESE activities and upcoming events

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Earth Science Week Oct. 11-17

August 13, 2009 by [Tom Overton](#)

The American Geological Institute, of which AESE is a member society, is inviting earth science professionals and educators to participate in [Earth Science Week 2009](#), October 11-17. This year's theme is "Understanding Climate." AGI has prepared a [toolkit](#) to share with science teachers to help promote awareness of critical earth science issues. AESE can order up to 50 complimentary copies. Anyone wanting a few should [email me](#). I will be ordering them at the end of next week.

Posted in [Uncategorized](#) | No Comments Yet

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<p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30 31</p>	<p>Webmaster</p> <p>Launch Director</p> <p>★★★★★</p>  <p>Registered: Sun 18 Feb 2001 Posts: 10361 Loc: Sydney, Australia</p>	<p>Take part in the following contests to celebrate Earth Science Week. This year's celebration takes place Oct. 11-17, 2009</p> <p>Earth Science Week 2009 Photography Contest -- Open to All Ages</p> <p>The American Geological Society is sponsoring a photography contest to celebrate Earth Science Week 2009. Photographs should focus on the topic "How Climate Shapes My World." The contest is open to any resident of the United States. Participants should submit a picture that best represents the climate in their area. Entries may be submitted electronically or by mail. Only one entry will be accepted per person. The deadline for submitting photos is Oct. 16, 2009.</p> <p>http://www.earthsciweek.org/contests/photography/index.html</p> <p>Earth Science Week 2009 Visual Arts Contest -- Open to Students in Grades K-5</p> <p>The American Geological Society is sponsoring a visual arts contest to celebrate Earth Science Week 2009. Artwork should focus on the topic "The Climate Where I Live." The contest is open to students in grades K-5 who are residents of the United States. Participants should submit an original two-dimensional visual arts project that best represents the climate in their area. Entries must be submitted by mail. The deadline for submitting entries is Oct. 16, 2009.</p> <p>http://www.earthsciweek.org/contests/visualarts/index.html</p> <p>Earth Science Week 2009 Essay Contest -- Open to Students in Grades 6-9</p> <p>The American Geological Society is sponsoring an essay contest to celebrate Earth Science Week 2009. Essays should focus on the theme "Climate Connects." The contest is open to students in grades 6-9 who are residents of the United States. Participants should submit an original essay no more than 300 words in length, typed, and formatted to fit on one page. Entries may be submitted electronically or by mail. The deadline for submitting entries is Oct. 16, 2009.</p> <p>http://www.earthsciweek.org/contests/essay/index.html</p> <p>International Year of Planet Earth & Earth Science Week 2009 Photography Contest -- Open to All Ages</p> <p>To celebrate the International Year of Planet Earth and Earth Science Week 2009, the American Geological Institute is sponsoring a major international photography contest. Photographs should focus on the topic "Exploring Earth Science Around the World." The contest is open to anyone of any age from anywhere around the world. Entries must be submitted electronically. The deadline for submitting photos is Oct. 16, 2009.</p>	    
<p>Today's Birthdays</p> <p>Administrator (45), David Cottle (45), Webmaster (45)</p>	<p>AUS-CITY Recent Posts</p> <p>NASA Sets New Target Launch Date for Space Shuttle Discovery by Webmaster Yesterday at 03:55 AM</p> <p>Celebrate World Space Week -- Oct. 4-10, 2009 by Webmaster Yesterday at 12:22 AM</p> <p>NASA Awards Contract for Aircraft Maintenance by Webmaster Yesterday at 12:21 AM</p> <p>GPS STATUS 25 AUG 2009 by Webmaster Yesterday at 12:20 AM</p> <p>DAILY REPORT #4916 by Webmaster Yesterday at 12:19 AM</p> <p>Lightfoot Named Director of Nasa's Marshall Space Flight Center by Webmaster Tue 25 Aug 2009 12:42:AM</p> <p>Earth Science Week 2009 Contests Announced by Webmaster Mon 24 Aug 2009 11:31:PM</p> <p>GPS STATUS 24 AUG 2009 by Webmaster Mon 24 Aug 2009 11:29:PM</p> <p>DAILY REPORT #4915 by Webmaster Mon 24 Aug 2009 11:28:PM</p> <p>GPS STATUS 23 AUG 2009 by Webmaster Sun 23 Aug 2009 07:44:PM</p>	<p>AUS-CITY Latest Photos</p>  	<p>Shout Box</p> <p>Alisa: A dinosaur that smashes everything in its path...A Tyrannosaurus Wrecks!</p>  <p>Alisa: Happy Independence Day</p>  <p>Flux: Happy 4th of July ~*~</p>  <p>Alisa: Flux!</p>

Baylor University Geology Department News

<http://www.baylor.edu/geology/news.php?action=story&story=66250>

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Geology News Items

Local students learn about earthquake hazards during Earth Science Week 2009

Dec. 11, 2009

Approximately 100 5th graders from North Waco Elementary School had the opportunity to learn about earthquake hazards during Earth Science Week 2009. Students worked with 3 different physical models that demonstrated differences in the effects of earthquakes due to local geology (liquefaction), building height (resonance frequency) and building construction. They worked with a 4th model that demonstrated the propagation of P and S waves.



Baylor's lab coordinator (Sharon Browning) demonstrating setup of the floor and column construction model. This demonstration of the effects of earthquakes on building construction was the favorite of the students.



5th graders at North Waco Elementary School adding trusses (silver cross bars in photo) to strengthen a building to be more earthquake-resistant

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Earth Science Week 2009

Location: <http://www.earthsciweek.org/>

The American Geological Institute (AGI) and its program partners have announced the theme for this year's Earth Science Week: "Understanding Climate". Events will promote scientific understanding of a timely, vital topic: Earth's climate. Visit the website to learn more about this week and ways to become involved, including newsletters, local events, and classroom activities.

Belongs to: [Digital Library for Earth System Education \(DLESE\)](#)

Competitions

Earth Science Week contests



Three contests are being held as part of [Earth Science Week 2009](#). One is a Photography contest "How Climate Shapes My World." This contest challenges students to submit photo images that represent the climate in their local area. The second is a Visual Arts contest titled "The Climate Where I Live" which asks students to submit a poster which shows the current typical climate where they live and how it was 100,000 years ago. The third is an essay contest "Climate Connections." Students must write an essay exploring the ways climate interacts with Earth's systems in their area. **The deadline for all contests is October 16, 2009.** More information and applications are available on the website.

[READ MORE COMPETITIONS](#)

Bigdaddydata.com

<http://bigdaddydata.com/city/LA/Weeks/86099/index.php>

Taxes:

- Taxes

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- Money
- Go Green
- Solar Solutions
- Answers By EdGAR

Parish Localities:

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Also please join Louisiana Week for Animals Facebook community.

Weeks Marine, Inc.

Marine transportation, dredging, marine construction, stevedoring, equipment rental and sales, and towage.

PGATOUR.COM - State of the week: Louisiana

Apr 18, 2008: Where are we? The Pelican State. Louisiana -- the state that's shaped like the first letter of his name -- sits on the Gulf Coast nestled between Texas and ...

AmeriCorps Week Newsroom - Louisiana Proclamation for AmeriCorps Week ...

Louisiana Governor. Bobby Jindal. Proclamation. WHEREAS, AmeriCorps is a network of local, state, and national service programs that connects more than 75,000 Americans each year ...

Health Center Week | Louisiana

National Health Center Week Events: Louisiana. Teche Action Clinic 1115 Weber Street

Earth Science Week

AGI invites you to take part in Earth Science Week 2009! Being held October 11-17, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn ...

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The Louisiana Purchase Historic Dance Week

The Society of Inseparable Friends Dance Academy requests the honor of your presence at. The Louisiana Purchase Historic Dance Week. July 6-12, 2003, New Orleans

Bigfatprize.com

http://www.bigfatprize.com/prize/prize/earthscienceweek/

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MicroEssayScholarships.com

Poetry Contest

Prizes of \$1000 to \$25000. Heartfelt poems due Nov. 6.

DorothyPrizes.org

Earth Science Week

Author: [Big Fat Prize](#)

Category: [Invention](#) > [Invention](#)

Date: 10/11/2009 00:00

Prize URL: <http://www.bigfatprize.com/prize/prize/earthscienceweek>

Location: United States, Virginia, Alexandria

Address: American Geological Institute ,4220 King Street

Email: [Please Login To View Contact Details](#)

Web URL: [Please Login To View Contact Details](#)

Prizes : 1 place: **Awards**

AGI invites you to take part in Earth Science Week 2009! Being held October 11-17, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the geosciences.

AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, NASA, the National Park Service, the AAPG Foundation, and other geoscience groups.

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Dr. Jeff's Blog on the Universe

getting you emotional about science
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TMN QuickLinks: Five Powerful Climate Change Lessons for A Very Important Earth Science Week October 11-17, 2009

Posted by DrJeff on October 11th, 2009

Filed under [1.4. Teachable Moments in the News](#), [1.6. Dr. Jeff Speaks Out](#), [4. The Earth](#), [4.1. Environment and Climate Change](#), [4.2. General Biosphere](#)

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Photo Caption: Earth from orbit. Click on the image and explore your world close-up using the scroll bars. The time to protect it is at hand.

This is a [Teachable Moments in the News QuickLinks Post](#). It connects a breaking news story or event with this Blog's existing powerful library of Posts and Resource Pages. The cited Posts and Pages provide a deep understanding of concepts in the earth and space sciences that are relevant to the news story or event. Teachers—the Posts and Pages are also designed for use as lessons, allowing you to easily bring current science into the classroom as a [teachable moment](#). Each cited Post is outlined in the [Teachers Lesson Planner](#), which includes the Post's essential questions, concepts, objectives, and math skills.

Earth Science Week takes on a rather unique importance in 2009. This year's theme is [Understanding Climate](#). On December 7-18, 2009, the entire world will meet

Teachable Moments in the News

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NASA's LCROSS hits Moon Oct 9, 2009!
BotU Post: [If I Could Gift Wrap the Moon](#)

[Earth Science Week](#) Oct 11-17, 2009
5 BotU Posts: [Climate Change and GW](#)

[Shuttle Atlantis Launch](#) Nov 12, 2009
BotU Post: [The Business Trip](#)

Latest MESSENGER Update: Oct 17, 2009

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for Your Community

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Bureau of Land Management Fossil Website

http://www.blm.gov/wo/st/en/prog/more/CRM/paleontology/fossil_education.html



[BLM > More BLM Programs > Heritage Home > Paleontology > Fossil Education & Information](#) [Print Page](#)

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Fossil Education – BLM Resources

- Resources for Teachers
- Resources for Students
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- Collecting Fossils on Public Lands

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- A Dinosaur Excavation in the Grand Staircase-Escalante National Monument
- Set in Stone: Discovering Paleontology
- Virtual Tour of a *Parasaurolophus* Exhibit
- Red Gulch Tracksite Photo Gallery

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Paleontological Information

Paleontological Resources on Public Lands

- Utah Paleontology
- Cleveland-Lloyd Quarry - Utah
- Grand Staircase-Escalante National Monument - Utah
- Red Gulch Tracksite - Wyoming
- Trail Through Time - Colorado
- Alaskan Dinosaurs? - Alaska
- Mineral Hill Cave - Nevada

BLM Partners in Paleontology

- New Mexico Museum of Natural History and Science
- Denver Museum of Nature & Science
- Utah Museum of Natural History
- Utah Geological Survey - Paleontology
- University of Wyoming Geological Museum
- Dinosaur Depot Museum

Other Paleontology Links

- National Park Service - Paleontology
- U.S. Forest Service- Paleontology
- U.S. Geological Survey - Paleontology
- National Museum of Natural History (Smithsonian) - Paleontology

Professional Organizations

- The Society of Vertebrate Paleontology
- The Paleontological Society
- American Geological Institute
- Geological Society of America

Amateur Organizations

- Smithsonian NMNH Volunteers
- Utah Friends of Paleontology
- New Mexico Friends of Paleontology
- Denver Museum of Nature & Science Volunteers
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Earth science

Author: Hilarie

Date: July 14, 2009

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Caves.org

http://www.caves.org/committee/education/science_topics.htm

Digital Library for Earth System Education

Enter "caves" in the search box- over 49 links show up.

<http://www.dlese.org/dds/index.jsp>

Earth Science Week

Activities for Earth Science Week, held every October, from Earth Science World. Will help in planning. <http://www.earthscienceworld.org/week/>

NASA's Earth Science search results for "caves"

<http://search.nasa.gov/nasasearch/search/search.jsp?nasalInclude=caves>

Clarksville Online

Clarksville, Tennessee

<http://www.clarksvilleonline.com/2009/10/13/bredesen-proclaims-oct-11-17-earth-science-week-in-tennessee/>



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Bredesen proclaims Oct. 11-17 Earth Science Week in Tennessee

October 13, 2009 | 



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- [2009: J E M A M I I A S O N D](#)
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Nashville – Governor Phil Bredesen has proclaimed Oct. 11-17

Clifton Heights Neighborhood News Blog

<http://cliftonheightsnews.blogspot.com/2009/10/blue-bin-news-october-2009.html>

CLIFTON HEIGHTS NEIGHBORHOOD NEWS

THURSDAY, OCTOBER 01, 2009

Blue Bin News - October 2009

St. Louis City Residential Recycling Newsletter

Issue #23

IN THIS ISSUE:

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JOHN MUIR QUOTE

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Blue Bin News - October 2009

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▶ 04/05 - 04/12 (2)

Cogito.com

<http://www.cogito.org/Util/PrintDetail.aspx?ContentId=16903>



JOHNS HOPKINS
UNIVERSITY
Center for Talented Youth



Earth Science Week

Organization: American Geological Institute

Date: From: 10.11.09 To: 10.27.09

AGI invites you to take part in Earth Science Week 2009! Being held October 11-17, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the geosciences.

AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, NASA, the National Park Service, the AAPG Foundation, and other geoscience groups.

<http://www.earthsciweek.org/>

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Colorado Association of Science Teachers Website

<http://www.coloradocast.org/teacherresources.php?page=studentevents>

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INTELLIGENT USE OF WATER COMPETITION

June 18 - August 15, 2009

Registration Deadline: August 15, 2009

See the below for details [more...](#)

CALL FOR APPLICATIONS FOR THE NATIONAL YOUTH SCIENCE CAMP

July 1-25, 2009

Registration Deadline: March 01, 2009

Colorado has been invited to send two students, free of charge, to the National Youth Science Camp in West Virginia. We are currently accepting applications from graduating seniors who has shown exceptional achievement in science. [more...](#)

ENGINEERING JUNIOR CAMP-UNIVERSITY OF DENVER - VARIOUS DATES

July 15-25, 2009

This program is meant to interest students especially incoming 9th and 10th graders towards looking further into engineering career. These camps were started in 2007. There are 30 students and several teachers. Students can be 8th-12th grades. Students I [more...](#)

THREE NATIONAL CONTESTS FROM AGI

October 11-17, 2009

The American Geological Institute (AGI), is sponsoring three national contests in conjunction with Earth Science Week 2009, "Understanding Climate," October 11-17, 2009. All U.S. residents are encouraged to enter "How Climate [less...](#)

AGI SPONSORS CONTENTS FOR EARTH SCIENCE WEEK 2009

The American Geological Institute (AGI), is sponsoring three national contests in conjunction with Earth Science Week 2009, "Understanding Climate," October 11-17, 2009. All U.S. residents are encouraged to enter "How Climate Shapes my World" -- this year's Earth Science Week photography contest. Entrants should use their cameras to capture an image that best represents the climate in their local environs. Students in grades K-5 are eligible to enter the visual arts contest, "The Climate Where I Live." Submissions should illustrate not only what the climate is like today in your town, but what it was like 100,000 years ago. The essay contest "Climate Connections," is open to students in grades 6-9. Submissions should focus on how climate interacts with all of the earth systems in their community and how those earth systems in turn influence climate. Earth Science Week is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation. To learn more about Earth Science Week and these contests, visit www.earthsciweek.org/contests.

The American Geological Institute is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment. More information is at www.agiweb.org.

4TH ANNUAL COLORADO ENVIRONMENTAL FILM FESTIVAL

November 5-7, 2009

The 4th annual Colorado Environmental Film Festival is Nov 5-7, and films from around the world are coming in. [more...](#)

Community Advocate

<http://www.communityadvocate.com/news/2009-10-02/Calendar/Calendar.html>

USGS Earth Science Week Open House

The Silvio O. Conte Anadromous Fish Research Center, 1 Migratory Way, Turners Falls, will be hosting a USGS Earth Science Week Open House Oct. 17, from 10 a.m.-4 p.m. Stop in for exhibits and demonstrations with sturgeon, fish ladders, models and research techniques. Rain or shine. For reservations or more info, call 1-413-863-3800 before Oct. 17.

Westborough 5K CROP Walk 2009

The 33rd annual Westborough CROP Walk will take place Oct. 18 beginning and ending at the Evangelical Congregational Church on West Main Street. Registration starts at 12:30 p.m. with the walk commencing at 1 p.m. CROP (Communities Responding to Overcome Poverty) was born in 1947 out of the fields of Middle America in response to the needs of hungry and suffering people in post-War Europe Asia. The event links together the interfaith community and residents of all ages and abilities, taking them through the main streets and back roads of participating towns and cities. For more info, call 1-508-898-9895.

Saint John's High School Open House

Saint John's High School, 378 Main St., Shrewsbury, will be holding an Open House Oct. 18 and 25 at 1 p.m. each day. Also, its entrance exam will be held Oct. 31 at 8:30 a.m. Visit www.stjohnshigh.org or call 1-508-842-8934 ext. 266 for more info.

Community.livejournal.com

http://community.livejournal.com/paleoenthusiast/4337.html

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Latest Discoveries of the Paleo Enthusiast - Earth Science Week!

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October 10th, 2009

bambiraptor_9 03:21 pm - Earth Science Week!



This week (Oct 11-17) is Earth Science Week! Read all about it here: <http://www.earthsciweek.org/>

What will you do to celebrate? :) Share your thoughts here!

Current Mood: creative

Current Music: 'Home to Stay' by Josh Groban

Tags: earth, geology, paleontology, school, science

(Leave a comment)

LiveJournal.com

Cornell University Department of Astronomy

<http://www.astro.cornell.edu/outreach/node/398>

The Sun Shadows Project students are looking for fellow scientists, to measure shadows and submit findings online at http://web.me.com/lhuffman/Project_Circle/Sun_Shadows_Project.html. Because the Sun Shadows Project offers a great way to begin "understanding climate" - this year's Earth Science Week (Oct. 11-17) theme - the project also is featured as AGI's Earth Science Week Research Project. Learn more at <http://www.earthsciweek.org/researchproject/index.html>.

[admin's blog](#) | [Login or register to post comments](#)

What's Up?



**CELEBRATE THE
INTERNATIONAL
YEAR OF
ASTRONOMY
THROUGHOUT
2009!**

Participate in
GLOBE@Night March 16-28!

- Check out activities and opportunities.
- Add your school to the list of NY IYA schools!

User login

Cornell University Department of Astronomy

<http://www.astro.cornell.edu/outreach/node/422>

The screenshot shows the Cornell University Department of Astronomy website. The header includes the Cornell University logo and the text "Cornell University Department of Astronomy" and "Center for Radiophysics & Space Research Education & Public Outreach". Below the header is a navigation bar with links: Home, AstroEd News, Browse AstroEd Resources, Discussion, Requests, Contact, Help, and a Search box. The main content area features a sidebar on the left with a "Home" link and a "AstroEd News" section containing links to Cornell Update, Family & Public, K-12 Resources, Mission Highlights, NASA Opportunities, Projects & Activities, Space News, and Teacher Opportunities. The main content area displays a post titled "Earth Science Week 2009 Toolkits" dated July 24th, 2009, by admin in the Informal Settings category. The post text states that the toolkits are available now and lists the contents: a 12-month school-year activity calendar, a new Earth Science Week poster, USGS climate education resources, NASA climate resources, a report on "Ecological Impacts of Climate Change", a National Park Service poster on glaciers, and a new brochure on Earth science literacy. On the right side of the main content area, there is a "What's Up?" section featuring a poster for "APOLLO 4 YEARS" and a banner for "INTERNATIONAL YEAR OF ASTRONOMY 2009" with the text "Check out activities and opportunities." and a "User login" link.

Cornell University
Department of Astronomy

Center for Radiophysics & Space Research
Education & Public Outreach

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- NASA Opportunities
- Projects & Activities
- Space News
- Teacher Opportunities

Browse AstroEd Resources

Discussion

Requests

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Help

Earth Science Week 2009 Toolkits

Posted July 24th, 2009 by admin in Informal Settings, International Year of Astronomy, K-12 Resources, Projects & Activities

Earth Science Week Toolkits
Available Now

Earth Science Week 2009 Toolkits are available now! To ensure that you are among the first to receive these exciting educational resources, order yours today. The Earth Science Week 2009 Toolkit includes:

- * A 12-month school-year activity calendar, suitable for hanging
- * The new Earth Science Week poster, including a climate activity
- * USGS climate education resources, including volcano materials
- * NASA climate resources, including a "Dynamic Earth" DVD
- * A report on "Ecological Impacts of Climate Change"
- * A National Park Service poster on glaciers nationwide
- * A new brochure outlining principles for Earth science literacy

What's Up?

APOLLO
4
YEARS

THE UNIVERSE
YOU ASK TO DISCOVER

INTERNATIONAL
YEAR OF
ASTRONOMY
2009!

Check out
activities and
opportunities.


User login

Craters of the Moon National Park and Preserve

<http://www.nps.gov/crmo/planyourvisit/events.htm?om=9&oy=2009&prk=crmo>

nps.gov

National Park Service
U.S. Department of the Interior



Earth Science Week Hike

Date: October 17, 2009
Time: 9:00 AM to 3:00 PM
Location: Craters Visitor Center

Details:

A presentation will be given on the Great Rift and its associated Lava Fields. The park geologist will then take the group into the field to view volcanic features.

This special program will start at 9 a.m. and will meet at the visitor center. The hike will last until about 3 p.m. and participants will need to bring a lunch to eat in the field. The hike will be moderately strenuous and traverse a distance of about 4 miles and involve some off trail hiking (wear hiking boots and long pants). Participants should bring a hat, pack, clothing layers, food, and water (camera, binoculars, hand lens, and hiking staff optional). The group size will be limited to 25 people and reservations are required.

Fees:
No charge except for entrance fee

Contact:
Visitor Center staff
208-527-1335

Click here to email us for more information.

More Information:

Visit: <http://www.earthsciweek.org>

Daily-allnews.blogspot.com

http://daily-allnews.blogspot.com/2009/10/nasa-celebrates-earth-science-week.html

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Visitors

NASA Celebrates Earth Science Week

POSTED BY DEEPAN WEDNESDAY, OCTOBER 14, 2009

October 11-17, 2009

This year's Earth Science Week is organized around the theme of "Understanding Climate." NASA/JPL-Caltech

October 14, 2009

NASA joins in the world celebration of Earth Science Week 2009 (October 11-17) with a release of a series of new multimedia products and educational resources designed to improve understanding of global climate change. The theme of this year's event is "Understanding Climate."

As a leader in climate studies, NASA's contribution to Earth Science Week this year focuses on the connection between climate change and Earth's ocean. Highlights include a new video series entitled "Tides of Change" focusing on the ocean-climate connection, and a live educational webcast on Oct. 14 at 10 a.m. PDT (1 p.m. EDT).

Feature story:
<http://climate.nasa.gov/news/index.cfm?FuseAction=ShowNews&NewsID=184>
and educational resources page:
<http://climate.nasa.gov/esw/>
and webcast link:
<http://www.ustream.tv/channel/earth-science-week-webcast>

NASA News

CAN INDIA BEAT AUSTRALIA IN THE ODI SERIES?

☐ Yes
☐ No
☐ Can't say

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Votes so far: 3
Days left to vote: 25

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North Table Mountain Geology and Nature Hike
by: Pete Modreski
[view profile](#) • [view other postings from Peter Modreski](#)
Article Contributed on: 10/8/2009 2:00:19 PM

Venue: open space trailhead parking lot
Venue Address: Wyoming Circle near Pine Ridge Road
Venue City: Golden
Event Time: 4:30 p.m.
Event Dates: This event takes place on 10/13/2009.
Category: Outdoors
Cost for Adults: Free
Cost for Children: Free
Event Web page:
<http://denver.yourhub.com/Golden/Events/Outdoors/Event~663481.aspx>


a sunset view north along the lava cliffs on North Table Mountain
Provided by: Peter Modreski

Description: Tuesday, Oct. 13, Earth Science Week geology and nature hike, North Table Mountain, Golden CO, 4:30-6:30 p.m., led by USGS geologist, Dr. Pete Modreski. A short (2-hour, about 1 mile) late-afternoon until twilight hike up a trail and an old roadbed to the top of the west side of North Table Mountain; to look at geology (we'll hike past beds of the Denver Formation and the three lava flows exposed there), mineralogy (a few zeolite minerals will be visible, and small euhedral black augite crystals that weather out of a volcanic ash and mudflow layer), and what we can see of plants and wildlife, with comments on how the lava flows formed and how the present landscape developed; and hopefully, a nice view of the sunset! It wouldn't hurt to bring a light just in case we're still on our way back down as it's getting dark; official sunset is at 6:23. Meet at 4:30 p.m. at the small, paved, trailhead parking lot off Wyoming Circle at the north end of Golden, located a few short half-blocks east of the intersection of Highway 93, Pine Ridge Road, and Ford Street. If you can't quite make it at 4:30, still come, you'll see our group moving ahead up the trail. For more info, or questions in case of bad weather, contact Pete, office 303-202-4766, pmodreski@usgs.gov, cell 720-205-2553.

Contact Info
Name: Pete Modreski
E-mail: pmodreski@usgs.gov
Phone: 303-202-4766

Guidelines: Be kind. Abusive commentary may be removed. If you believe someone has been abusive, please click "Report Abuse".
SUBMIT COMMENT

What's Hot
Stories
1. [Interfaith Partners turn pumpkins into homes](#) (Not Rated) 0
2. [Eleventh Annual Falliday Craft and Bake Sale](#) ★★★★★ 0
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1. [Southern Exposure Concert at Miners Alley Playhouse](#) (Not Rated) 0
2. [ARK: Art Reaching Kids](#) (Not Rated) 0
Blogs
1. ["A Serious Man" is Another Home-Run From the Coens](#) ★★★★★ 1
2. [My Twenty Favorite Films: Part 2 of 4](#) (Not Rated) 0

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October 1st, 2009 · [1 Comment](#)

Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the most well known and most scenic geologic landscapes on the planet.

Special Ranger Programs:

Sunday – Friday, October 11 – 16

Fossil Walk, 9:30 a.m., daily

Explore marine fossils exposed on the rim of Grand Canyon. Meet on the patio behind Bright Angel Lodge. 1 hr.

Geology Walk, 1:00 p.m., daily

Explore the canyon's geology. Meet outside Yavapai Observation Station. 1 hr.

Earth Science Evening Programs, 7:30 p.m.

Shrine of Ages Auditorium. 1 hr.

Monday, October 12, Arizona Monsoon? Surely You Jest! (The Summer Climate of Grand Canyon), Chris Carroll, Park Ranger

Tuesday, October 13, How the Grand Canyon Came to Be: Grand Canyon Geology, Jim Heywood, Park Ranger

Wednesday, October 14, Regional Impacts-Effects of Climate Change on Tribal Communities in the Southwest, Margaret Cook, Environmental Director, Gila River Community

Other Activities:

No Child Left Inside Day

Tuesday, October 13, 11:30 a.m. – 4:00 p.m.

Kids can explore geology with a park ranger at a Touch Table on the rim of the canyon in the historic village near the El Tovar Lodge.

George Billingsley

Desert View Drive Geology Field Trip,

Saturday, October 17, 10:00 a.m. – 4:00 p.m.

Grand Canyon National Park will offer a special field trip on Desert View Drive led by USGS research geologist George Billingsley. The field trip will begin and end at park headquarters and include stops at Desert View, Grandview Point and Yaki Point.

Billingsley has spent his career mapping the Grand Canyon region and has 131 professional papers and

Digg.com

http://digg.com/environment/Earth_Science_Week_2009_Photography_Contest_How_Climate_Shapes_My_World

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[Earth Science Week 2009 Photography Contest "How Climate Shapes My World"](#)


ericcolburn.com — Earth Science Week 2009 Photography Contest "How Climate Shapes My World" The American Geological Institute (AGI) is sponsoring a photography contest to celebrate Earth Science Week 2009. The photography theme for this year is: "How Climate Shapes My World."

Bury Who dugg this?

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<http://digitalphotosblog.com/earth-science-week-contests/>

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Earth Science Week Contests


September 17, 2009 by [Digital Photos](#)

Earth Science Week has several contests again this year. K-5: "The Climate Where I Live" poster contest
6-9: "Climate Connections" essay contest Any Age: Photography contest Visit the Earth Science Week website for details.


Filed Under: [Photography](#)


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News and Opportunities

Earth Science Week 2009

<http://www.earthsciweek.org/>

The American Geological Institute (AGI) and its program partners have announced the theme for this year's Earth Science Week: "Understanding Climate". Events will promote scientific understanding of a timely, vital topic: Earth's climate. Visit the website to learn more about this week and ways to become involved; including newsletters, local events, and classroom activities,

Start of event: October 12, 2009

End of event: October 18, 2009

Announcement type:

- Call for participation
- News

Audiences:

- Educator
- General public
- Student

Topics:

- Earth system science
- Education

Contributor (Publisher):

American Geological Institute (AGI)

<http://www.agiweb.org/>

Contact: info@earthsciweek.org

Contributor (Contact):

Geoff Camphire

American Geophysical Union (AGU)

gac@agiweb.org

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Earth System Education

DLESE News

http://www.dlese.org/news_opportunities/description_full.jsp?id=NEWS-OPPS-000-000-002-394&q=

News and Opportunities

Contests for Earth Science Week 2009

<http://www.earthsciweek.org/contests/>

AGI is sponsoring three national contests for Earth Science Week 2009. The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes. The photography contest, open to all ages, focuses on "How Climate Shapes My World." The visual arts contest, titled "The Climate Where I Live," is open to students in grades K-5. Students in grades 6-9 are eligible to enter the essay contest: "Climate Connections." Essays of up to 300 words should describe how climate interacts with Earth's systems - geosphere, hydrosphere, atmosphere, and biosphere - in your area. The first-place prize for each contest is \$300 and a copy of AGI's "Faces of Earth" 2-DVD package.

Due date (Deadline for entries): October 16, 2009

Announcement type:

- Call for participation

Audiences:

- Educator
- General public
- Student

Topics:

- Earth system science
- Education

Contributor (Publisher):

American Geological Institute (AGI)

Contact: info@earthsciweek.org

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Dreamingnightmare Livejournal Blog

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dreamnnightmare

21 July 2009 @ 12:24 pm

Earth Science Week 2009

2009 EARTH SCIENCE WEEK TOOLKITS NOW AVAILABLE

For Immediate Release
Contact: Geoff Camphire gac@agiweb.org

Alexandria, VA — The essential Earth Science Week 2009 (October 11-17) Toolkit enables students, educators, and the public to fully explore this year's theme "Understanding Climate." The latest edition of this resource is now available through the American Geological Institute (AGI).

The 2009 Earth Science Week Toolkit contains a 12-month school-activity calendar and classroom poster provided by AGI, its Member Societies and other organizations. Along with these traditional Earth Science Week publications, this year's Toolkit features a variety of educational climate resources from the U.S. Geological Survey (USGS), NASA, and the National Oceanic and Atmospheric Administration (NOAA). A report on the "Ecological Impacts of Climate Change" and a new brochure outlining principles for Earth Science literacy are also included.

Multimedia features this year include NASA's "Dynamic EARTH" DVD-ROM and a CD-ROM on GIS technology from ESRI. Additional informational materials within the kits include a National Park Service poster highlighting the nation's glaciers and literature on the National Wildlife Refuge System. Like years past, the 2009 Toolkit contains a genuine field notebook from Rite in the Rain.

These items and much more make the Earth Science Week Toolkit ideal for engaging students and general public to explore the geosciences. The Toolkits are available for the cost of shipping and handling (\$6.95 in the United States). Bulk pricing is available. To order, visit <http://www.earthsciweek.org/materials/>.

Earth Science Week is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation. To learn more about this event, please visit <http://www.earthsciweek.org/>.

Earth Science Club of Northern Illinois

http://www.esconi.org/esconi_earth_science_club/2009/08/earth-science-week-oct-1117.html

ESCONI Earth Science Club of Northern Illinois

Earth Science Week Oct. 11-17

AGI invites you to take part in Earth Science Week 2009! Being held October 11-17, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the geosciences.

Understanding Climate, the theme of Earth Science Week 2009, will promote scientific understanding of a timely, vital topic: Earth's climate.

Also, anyone of any age can enter the International Year of Planet Earth & Earth Science Week 2009 Photography Contest by October 16.

The photograph should focus on "Exploring Earth Science Around the World."

"No matter where in the world you live, Earth science can be found all around you. Just step outdoors, and you find it in rivers and lakes, in the sky above you, and in the ground under your feet. Earth science includes geology, oceanography, meteorology, hydrology, paleontology, and other geosciences. Show people engaged in Earth science exploration in the natural environment of your part of the world!"

Posted by D.L. on August 17, 2009 in [Earth Science News](#) | [Permalink](#)

Technorati Tags: [Earth Science Week](#)

Earth Science Education Unit at Keele University Earth Science Week Flier United Kingdom



**EARTH SCIENCE
EDUCATION
UNIT**

In celebration of Earth Science Week 2009

The Earth Science Education Unit (ESEU) invites you to:

Free Earth Science CPD Workshops

at Keele University



**KEELE
UNIVERSITY**

Wednesday 14 October 2009

- KS2 (years 5/6) How the Earth Works in Your Classroom and elements of KS2 Spot that Rock (5.30 – 7.30pm)
- KS3 The Dynamic Rock Cycle (5.30 – 7.00pm)
- KS4 The Earth and Plate Tectonics (5.30 – 7pm)
- KS4 & A-Level Tackling Climate Change through Earth Physics (5.30 – 7.00pm)



RSVP to:
Hazel Benson
ESEU Co-ordinator
Public Policy and Professional Practice
Keele University, Staffordshire
ST5 5BG
Tel: 01782 734437
Email: eseu@keele.ac.uk

Wednesday 21 October 2009

- KS2 The Rock and Soil Circus Comes to Town and elements of KS2 Spot that Rock (5.30 – 7.30pm)
- KS3 Spot That Rock: building confidence in rock identification/interpretation and Earth Science out of Doors (5.30 – 7.30pm)
- KS4 Life the Atmosphere and Everything (5.30 – 7.00pm)

<http://www.earthscienceeducation.com>

Workshop Descriptions



- **KS2 (years 5/6) How the Earth Works in Your Classroom and elements of KS2 Spot That Rock**
Brings the world into your classroom through a wide range of Earth science practical and thinking activities that cover aspects of both Science and Geography Programmes of Study and Schemes of Work for the Years 5 and 6.
- **KS3 The Dynamic Rock Cycle**
Shows how the rock cycle may be used to organise schemes of work for the geological sections of the National Curriculum for Science at KS3 and how the major geological processes may be taught through a range of practical and investigative lab activities.
- **KS4 The Earth and Plate Tectonics**
(AQA Science, CCEA Science, OCR Gateway Science, OCR 21st Century Science, WJEC Science)
How do you teach plate tectonics and the structure of the Earth in an interactive way? What are the scientific explanations for a dynamic Earth on a global scale? How can you use the "Wegener Story" to exemplify "How Science Works"? This workshop has been devised to cover the requirements of each of the Awarding Bodies. It consists of a major presentation, interspersed with a range of practical activities.
- **KS4 & A-Level Tackling Climate Change through Earth Physics**
How does climate change work and what can be done about it? Consider the physics behind how climate change could affect the Earth, before investigating different methods of generating power that have low greenhouse gas emissions. Finally, decide which power source would be most appropriate for your region.
- **KS2 The Rock and Soil Circus Comes to Town and elements of KS2 Spot That Rock**
Introduces interactive and hands on practical activities that spotlight rocks and soils as part of the National Curriculum the scientific way (Starter and Plenary activities for KS1 included).
- **KS3 Spot That Rock: building confidence in rock identification/interpretation and Earth Science out of Doors**
Introduces activities relating to rock identification and interpretation, in line with National Curriculum requirements and an Earth Science investigation around your school grounds, studying building materials and how they are being weathered and establishing geological principles from the building and its surroundings.
- **KS4 Life the Atmosphere and Everything**
(AQA Science, CCEA Science, OCR Gateway Science, OCR 21st Century Science, WJEC Science)
Covers the requirements of each of the Awarding Bodies, to cover much of the Earth science, other than plate tectonics. It focuses on the Earth science often linked with the biology, chemistry and physics parts of specifications, ranging from the evolution of the atmosphere to materials from the Earth. It consists of a mixture of practical activities and mini-presentations.



Earth Science Education Unit

providing free in-service training in Earth Sciences
to teachers across England, Scotland and Wales



Earth science workshops

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Free Earth Science CPD Workshops at Keele University

In celebration of Earth Science Week 2009

The Earth Science Education Unit (ESEU) invite you to the following free [Earth Science CPD workshops](#) at the Science Learning Centre West Midlands, University of Keele.

Please fill in the form below to make your booking.

- | | | |
|------------------------|--|-----------------|
| Wednesday 14th October | <input type="radio"/> KS2 (years 5/6) How the Earth Works in Your Classroom and Elements of KS2 Spot that Rock | (5.30 - 7.30pm) |
| | <input type="radio"/> KS3 The Dynamic Rock Cycle | (5.30 - 7.00pm) |
| | <input type="radio"/> KS4 The Earth and Plate Tectonics | (5.30 - 7.00pm) |
| | <input type="radio"/> KS4 & A-Level Tackling Climate Change through Earth Physics | (5.30 - 7.00pm) |
| Wednesday 21st October | <input type="radio"/> KS2 The Rock and Soil Circus Comes to Town and elements of KS2 Spot that Rock | (5.30 - 7.30pm) |
| | <input type="radio"/> KS3 Spot That Rock: building confidence in rock identification/interpretation and Earth Science out of Doors | (5.30 - 7.30pm) |
| | <input type="radio"/> KS4 Life the Atmosphere and Everything | (5.30 - 7.00pm) |

Contact details (* = required field which must be completed) :



If you would like to book more than one place on the same workshops, please give all names of attendees in the names box. If attendees would like to go to different workshops then you may prefer to fill in a form for each person.

Name/s*:

Telephone number*:

Earthwatch Institute

<http://www.earthwatch2.org/LFF/vieau/2009/10/earth-science-week.html>



Teaching Live *from Maryland*

Hi! My name is Ms. Vieau. Please travel with to Maryland to study Climate Change and Fragmented Forests!

Thursday, October 15, 2009

Earth Science Week

My seventh grade students have studied Earth science this week and have learned many ways to help live that are environmentally good for our planet. We are also studying Native Americans and learned that they were and are always conscious of the health of Earth. Some of our ideas for climate conscious living are: reuse, reduce, and recycle whenever possible, carpool, ride a bike for shorter distances, compost, reduce your use of water and electricity, and too much TV or computer time rots your brain--watch/use less.

We also liked the blog by Google. We were all impressed by the "green" building in which Google is housed. We wonder if schools will ever be able to afford this energy-saving technology.

posted by Mrs. Vieau @ 3:35 PM


0 COMMENTS:

Post a Comment


Contributors

- ◆ Earthwatch Institute: Live from the Field
- ◆ Mrs. Vieau

Research supported by:



My expedition fellowship is funded by a grant from the "HSBC In the Community (USA) Inc."



The world's local bank

Eat. Sleep. Geology. Blog

<http://eatsleepgeology.blogspot.com/2009/08/fall-into-opportunities.html>

Eat. Sleep. Geology.

Wednesday, August 5, 2009

Fall into Opportunities

There are many things in the works for a busy Fall in the coming months. For those interested in getting more involved in the geo-community, there are many opportunities!

The Houston Geological Society (HGS) is gearing up for the 2009-2010 season with a full calendar of short courses, dinner and lunch meetings, and social events to boot. Check out their website (www.hgs.org) for event details and the full calendar. If you aren't already a member, consider joining for registration discounts and access to the printed or online version of their monthly Bulletin.

The HGS is teaming up with the Geophysical Society of Houston (GSH) for 2009 Geoscience Day. The event is scheduled for September 24, and is aimed towards young professionals entering into the oil & gas industry with less than 5 years of work experience. The program offers a range of presentations and demonstrations on "the life of an oilfield". Check out the HGS (www.hgs.org) or GSH (www.gshtx.org) websites for information, registration, and sponsorship opportunities. In addition, the planning committee welcomes interested volunteers to help with organizing the event. Send me a note or contact the committee chair via the previously mentioned websites for more info.

Mid-October is Earth Science Week (officially, October 11-17, 2009). Earth Science Week is an opportunity to promote scientific understanding of the Earth amongst the public and geoscience communities. This year's theme is "Understanding Climate". In the Houston area, the HGS often coordinates with the Houston Museum of Natural Science for a day of family fun to kick off the week. In addition, the celebration of Earth Science Week also means field trips open to the general public. Keep your eyes on the HGS website for details on this year's planned events! If you are not in the Houston area, check your local science museums and geo-societies for scheduled events and volunteer opportunities.

Ecoworld

<http://www.ecoworld.com/technology/nasa-celebrates-earth-science-week.html>

- [EcoWorld](#) > > [Science & Technology](#) > NASA Celebrates Earth Science Week with “Understanding Climate” Series

NASA Celebrates Earth Science Week with “Understanding Climate” Series

Most Recent Science &
Technology
Photos in the News...



[NASA's
Ares I-X Rocket
Launches from Kennedy
Space Center](#)



[NASA's Ares I-X Rocket
Launches from Kennedy
Space Center](#)

Elites TV

<http://elitestv.com/pub/2009/10/nasa-celebrates-earth-science-week>

[Home](#) / [JPL/NASA, Science/Tech/Health](#) / NASA Celebrates Earth Science Week

NASA Celebrates Earth Science Week

By [News Editor](#) • on October 16, 2009

→

NASA joins in the world celebration of Earth Science Week 2009 (October 11-17) with a release of a series of new multimedia products and [educational resources](#) designed to improve understanding of global [climate change](#). The theme of this year's event is "Understanding Climate."

As a leader in climate studies, NASA's contribution to Earth Science Week this year focuses on the connection between climate change and Earth's ocean. Highlights include a new video series entitled "Tides of Change" focusing on the ocean-climate connection, and a live educational [webcast](#) on Oct. 14 at 10 a.m. PDT (1 p.m. EDT).

Feature story:

<http://climate.nasa.gov/news/index.cfm?FuseAction=ShowNews&NewsID=184>

and educational resources page:

<http://climate.nasa.gov/esw/>

and webcast link:

<http://www.ustream.tv/channel/earth-science-week-webcast>

Source: JPL/NASA: [NASA Celebrates Earth Science Week](#)

Encyclopedia.com

<http://www.encyclopedia.com/video/qoI19mbSkgA-nasa-earth-science-week-what.aspx>



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NASA | Earth Science Week | What are the Primary Forces ...

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<http://phobos.apple.com/WebObjects/MZStore.woa/wa/viewPodcast?id=283424434>

The sun is the primary force in Earth's climate system. Sunlight warms our world. Sunlight drives atmospheric and oceanic circulation patterns. Sunlight powers the process of photosynthesis that plants need to grow. Sunlight causes convection which carries warmth and water vapor up into the sky where clouds form and bring rain. In short, the sun drives almost every aspect of our world's climate system and makes possible life as we know it. For more info: http://www.nasa.gov/centers/goddard/news/topstory/2008/esw_videos.html

[More YouTube videos](#) [About these videos](#)



[NASA | Earth Science Week |](#)



[NASA Earth Science Week](#)


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In the Headlines



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Energy4me ready-to-go classroom presentation materials are now available for download on Energy4me.org in Arabic, Chinese, French, Russian and Spanish. [Learn more.](#)




Petroleum engineering highest-paying degree
The top 15 highest-earning college degrees have one thing in common -- math skills. CNN Money shows petroleum engineering is the most lucrative. [Read more.](#)



AGI's Earth Science Week Toolkits Now Available
[Order your kit](#) of activities for Earth Science Week, 11-17 October. See the [Energy4me experiment](#) featured for September on the school science calendar. [Learn more.](#)
[In the Headlines Archives](#)

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Top Questions




What is the role of technology in producing oil and gas?

Global Environment

Carbon capture
Energy sustainability
Global climate change
Drilling operations

Test your Energy IQ



FACT OR FICTION
PLAY NOW!



2-111

Environmental Education in Georgia

<http://www.eeingorgia.org/net/calendar/details.aspx?ran=815835489&eventid=50464&s=50464.0.68.4863>

Environmental Education in Georgia

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Earth Science Week

Sunday, Oct 11, 2009 until Saturday, Oct 17, 2009

Since October 1998, the American Geological Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth.

Pitch in to promote science literacy. Dig up fossil evidence of past life, record observations of cloud patterns, or visit science centers and parks. Conduct activities described on the Earth Science Week website at <http://www.earthsciweek.org/forteachers/index.html>. For more ideas, see recommendations at <http://www.earthsciweek.org/forplanners/index.html>.

Event Link: <http://www.earthsciweek.org>

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[Sunday, Oct 11, 2009 to Saturday, Oct 17, 2009](#)

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Environmental Education in Mississippi

<http://www.eeinmississippi.org/net/calendar/details.aspx?s=50464.0.0.37931&dateid=3710>

Environmental Education in Mississippi

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Earth Science Week

Sunday, Oct 11, 2009 until Saturday, Oct 17, 2009

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Event Link: <http://www.earthsciweek.org>

SAVE TO MY CALENDAR

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[Sunday, Oct 11, 2009 to Saturday, Oct 17, 2009](#)

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Translate:

Environmental Education in South Carolina

<http://eeinsc.org/core/item/page.aspx?s=82861.0.0.37431>



Earth Science Week Contests

AGI is sponsoring three national contests for [Earth Science Week 2009](#). The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.

Photography Contest (open to all ages)

"How Climate Shapes My World"

If you were putting together a travel brochure about your local area, what image would best represent your climate? No matter where you are, your climate affects - and is affected by - air, water, land, and living things. Use your camera to get the best possible "Climate Capture," and submit it to this year's Earth Science Week Photo Contest.



Visual Arts Contest (students in grades K-5)

"The Climate Where I Live"

What is the climate like where you live? And what was the climate like in your area thousands of years ago? You will need to talk with your teacher to find out about the long-term weather patterns that have made up your area's climate. In your poster, show the typical climate where you live now and how it was 100,000 years ago.

Essay Contest (students in grades 6-9)

"Climate Connections"

Earth science is all about the interactions among Earth's systems: geosphere, hydrosphere, atmosphere, and biosphere. These systems work together to produce Earth's various climatic regions. Write an essay exploring the ways climate interacts with Earth's systems in your area. What impact does climate have on each system? How do these systems influence climate?

The first-place prize for each contest is \$300 and a copy of AGI's "Faces of Earth" 2-DVD package.

All entries are due by the Friday of Earth Science Week, Oct. 16, 2009.

[Complete Details](#)

Environmental Education in Tennessee

<http://www.eeintennessee.org/core/item/page.aspx?s=82861.0.0.37935>



Earth Science Week Contests

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All entries are due by the Friday of Earth Science Week, Oct. 16, 2009.

[Complete Details](#)

Environmental Education in Wisconsin

<http://www.eeinwisconsin.org/resource/about.aspx?s=83300.0.16.2209>



Earth Science Week Contests

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All entries are due by the Friday of Earth Science Week, Oct. 16, 2009.

More information: <http://www.earthsciweek.org/contests/>

Resource Types: Contest/Award

Eric Colburn Blog

<http://ericcolburn.com/2009/06/30/earth-science-week-2009-photography-contest-how-climate-shapes-my-world/>

Earth Science Week 2009 Photography Contest “How Climate Shapes My World”



Celebrate Earth
Science Week

[Earth Science Week 2009 Photography Contest. “How Climate Shapes My World”](#)

The American Geological Institute (AGI) is sponsoring a photography contest to celebrate Earth Science Week 2009. The photography theme for this year is: “How Climate Shapes My World.”

The photography contest is open to interested persons of any age. You must be a resident of the United States to enter.

Your photograph should focus on the topic “How Climate Shapes My World.”

Eric Colburn Twitter Message

<http://twitter.com/EricColburn/statuses/2410016218>



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Earth Science Week 2009 Photography Contest "How Climate Shapes My World" <http://ow.ly/15GwUB> about 23 hours ago from [HootSuite](#)



[EricColburn](#)

Eric D. Colburn, PLS

ESRI

<http://edcommunity.esri.com/arclessons/lesson.cfm?id=445>

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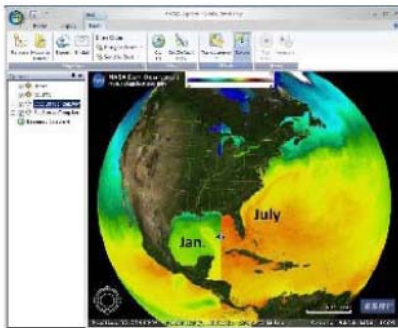
Climate Change Investigations with GIS

☆☆☆☆☆ (0.00 stars from [0 reviews](#))

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1.75 MB

File Type:
ZIP (compressed file)



Topic:
Life/Environ Sciences

GIS Level:
Beginning

Target Audience:
Secondary

Geographic Scale:
Any/All

Location:
Any

Description:

Earth's climate is a product of and is affected by many things—and it's changing. The factors at play in shaping our climate as well as the manifestation of its effects are geographic in nature. GIS technology and methods are vital in documenting, monitoring, analyzing, and predicting these dynamic activities and interdependencies. Climate scientists and others in numerous careers and disciplines use GIS and its integrative nature to tackle these issues. You can, too. This activity appeared in the 2009-2010 Earth Science Week kit from the American Geological Institute (www.agiweb.org), as the November 2009 calendar activity.

Software:
ArcGIS Explorer

Time Required:
2 hours

Language:
English

Date Posted:
8/4/09

Focus:
Content Focus

Style:
Open

Author:
ESRI Ed Team

Organization:
ESRI

Contact Info:
Redlands CA
92373 USA
909-793-2853
k12-lib@esri.com

ESRI Blog

<http://blogs.esri.com/Info/blogs/gisedcom/archive/2009/10/12/earth-science-week-2009.aspx>

GIS Education Community Blog : Earth Science Week 2009

10/26/09 2:58 PM

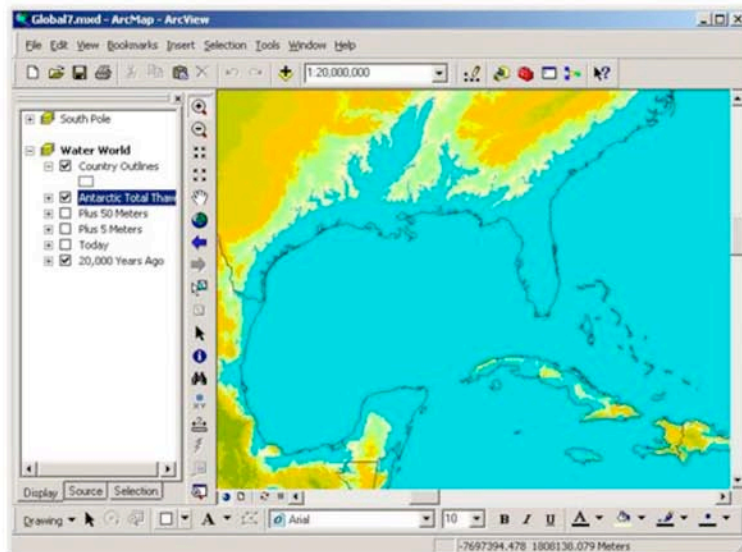
- [October 2007 \(18\)](#)
- [September 2007 \(21\)](#)
- [July 2007 \(1\)](#)
- [June 2007 \(1\)](#)
- [January 2007 \(1\)](#)

Monday, October 12, 2009 8:16 AM - [tbaker](#)

Earth Science Week 2009

October 11-17 is [Earth Science Week](#) ("ESW"), organized by the [American Geological Institute](#). The purpose is to encourage people to learn about the natural world and examine the geosciences. This year, particular attention is being given to climate. ESRI is proud to be a sponsor and supporter of ESW. Educators can acquire an [ESW Toolkit](#), which includes a CD from ESRI.

Meanwhile, there are also materials available for download and interaction right from the [ESRI EdCommunity ESW page](#). We've broken it down into a quick presentation about what's GIS, about the use of GIS to study earth science, and the use of GIS to study climate in particular. You'll find a series of videos, produced and narrated by Joseph Kerski, introducing landscapes in the field plus a couple of explorations of climate and weather patterns. You can see examples of lessons that you can do with ArcGIS Desktop, ArcGIS Explorer, AEJEE, or even just a web browser. The most recent lesson (highlighted in [this blog a month ago](#)) uses [ArcGIS Explorer and sea surface temperature observations](#) from NASA to begin seeking patterns over time. A classic lesson, of great concern to those in low-lying coastal regions, is found in the "Water World" lesson in Module#7 of [Book#2](#) from the [Our World GIS](#) Education series.



Experience Columbus

Columbus, Ohio

<http://www.experiencecolumbus.com/event-detail.cfm?id=18847>

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Earth Science Week Fossil Tour

Dates: October 16, 2009

Location: Ohio Statehouse

Hours: Friday noon

Admission: Free

Address: High Street at Broad Street, Columbus

Phone: 888-OHIO-123, 614-752-9777

Web: www.earthsciweek.org



Join us for Earth Science Week and a Statehouse Fossils Tour, a Geology tour of the Statehouse. Ohio State University experts will discuss the "Building Stones of Capitol Square."

Please note: Information for the calendar of events is gathered from multiple community sources. Experience Columbus is not responsible for the accuracy and content of information. Times, dates and locations are subject to change.

Facebook Fanpage in Arabic

<http://ar-ar.facebook.com/pages/Earth-Science-Week/24519701661?ref=nf>

تذكرني ☐

البريد الإلكتروني

التسجيل Earth Science Week موجود في فيس بوك.
قم بالتسجيل في فيس بوك للتواصل مع Earth Science Week.

Earth Science Week

الحائط المعلومات الصور الصناديق

Earth Science Week المعجبين فقط

Earth Science Week

May 2009 Earth Science Week Update

EARTH SCIENCE WEEK UPDATE American Geological Institute Vol. 7, No...

11 مايو، الساعة 11:47 صباحاً

Earth Science Week

April 2009 Earth Science Week Update

EARTH SCIENCE WEEK UPDATE American Geological Institute Vol. 7, No...

16 أبريل، الساعة 07:16 صباحاً

Earth Science Week

Update on Darwin Event at Rocky Mountain Dino Resource Center

Charles Darwin: The True Story" will be presented April 4 at 7 PM in the Ute Pass Cultural Center. Once again more information can be found at www.rmdrc.com/.

02 أبريل، الساعة 06:21 صباحاً

Earth Science Week

Noted Scholar Speaking at the Rocky Mountain Dinosaur Resource Center

all you Darwin fans out there, the Rocky Mountain Resource Center in Woodland Park, Colorado is holding a special event titled "Charles Darwin: The True Story." For more information about this event please visit <http://www.rmdrc.com/>.

01 أبريل، الساعة 01:55 مساءً

Emily K. Turner معجب بهذا.

Earth Science Week

Earth Science Week Update: March 2009

EARTH SCIENCE WEEK UPDATE American Geological Institute Vol. 7, No...

31 مارس، الساعة 11:30 صباحاً

Earth Science Week



Understanding Climate: Earth Science Week 2009

المعجبون

6 من 259 معجب مشاهدة الكل



Bob



Eve



Meryl



Osama



Brandy




Amanda

الصور

2 من 3 ألبومات مشاهدة الكل

Fairfax County Public Schools Apple 21 TV

<http://www.fcps.edu/mediapub/cable-tv/insight/index.htm>



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FCPS


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Insight airs every day at 6:30 p.m. and most days at 1:30 p.m. and 10:30 p.m. on Cox Communications Channel 21, Comcast Cable 21 in Reston, and also on Verizon Channel 21.


Insight #4 airs until November 8, 2009.
This week on Insight:




This week's **Insight**
[Play](#) (00:32)




Weyanoke ES Students Shake Hands With History
Meeting veterans at national memorials gives history new meaning for young scholars..
[Play](#) (04:05)




Oh, The Places You'll Go
FCPS students have the tools they need to achieve career aspirations with arts and CTE courses.
[Play](#) (04:12)




Next-Door Biology Field Trip at Hughes MS
Seventh graders study the environment in Reston.
[Play](#) (03:24)



Spending Bond Dollars Wisely
Interview with Kevin Sneed about construction projects.
[Play](#) (05:21)



Interview With Jack Dale
Superintendent Jack Dale reports on H1N1 prevention plans, FY2011 budget, and rising enrollment.
[Play](#) (06:28)




Insight is a fast-paced mix of discussion and field-produced stories that take viewers inside schools and FCPS facilities. Host Barbara Hunter welcomes regular guest Superintendent Jack Dale, plus other guests.

Insight is produced by the Department of Information Technology with support from the Department of Communications and Community Outreach. Contact us at Insight@fcps.edu.

Insight Videos

Where and when can you find **Insight**?
[Play](#) (00:32)



Insight Video [Archive](#) 2009-10

Insight Video [Archive](#) 2008-09

Insight Video [Archive](#) Past Seasons

To view any of these clips, you must have a video player installed on your computer. For instructions, visit our [video player support page](#).

This web page contains links to one or more web pages that are outside the FCPS network. FCPS does not control the contents of these pages.

Last update: October 22, 2009

Curator: Lori Knickerbocker, Lori.Knickerbocker@fcps.edu

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FinalGloves

Earth Science Week

Earth Science Week 2009

AGI invites you to take part in Earth ...

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Excerpted From: [Earth Science Week](#)

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Leather Gloves

Work Gloves

Ski Gloves

Fingerless Gloves

Neoprene Gloves

Womens Gloves

Latex Gloves

Driving Gloves

Heated Gloves

Motorcycle Gloves

Leather Work Gloves

Nitrile Gloves

Boxing Gloves

2-124

Fox 4 KC

Kansas City, Missouri

<http://www.fox4kc.com/news/sns-ap-mo--earthscience,0,2982471.story>

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Nixon declares 'Earth Science Week' with focus on climate issues

By Associated Press
4:01 AM CDT, October 12, 2009

JEFFERSON CITY, Mo. (AP) — Missouri Gov. Jay Nixon has declared this week Earth Science Week.

The declaration is meant to remind the public that earth sciences such as geology are important to health, safety and welfare.

The week is sponsored by the American Geological Institute and the geology and land survey division within the Missouri Department of Natural Resources.

DNR officials will be talking to students in Missouri classrooms and at outdoor events. On Saturday, staff members from the geology and land survey division will speak at an event in Rolla.

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2-125

Free Technology for Teachers Blog

<http://www.freetech4teachers.com/2009/04/earth-day-resources-from-scholastic.html>

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A REVIEW OF FREE TECHNOLOGY RESOURCES AND HOW TEACHERS CAN USE THEM. IDEAS FOR TECHNOLOGY INTEGRATION IN EDUCATION.

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THURSDAY, APRIL 9, 2009

Earth Day Resources from Scholastic



Earlier this week I shared some resources for [National Environmental Education Week](#) which is next week, April 12-18. Earth Day is April 22 so I'm not sure why they picked next week, but that's beside the point. Through an email I learned this morning that Scholastic has created [seven activities about Earth Day](#) for elementary and middle school students. Additionally, Scholastic has produced an "Environmental Report Card" featuring survey questions for students and parents to answer together.

Applications for Education

In addition to the lesson resources designed specifically for Earth Day, Scholastic has some great general Earth science lessons for elementary school use.

Larry Ferlazzo has also created a great [list of resources](#) for Earth Day that you should check out.

Here are some related resources that may be of interest to you:

[Wind and Solar Power Estimation Activities](#)

[Monitoring and Mapping CO2 Emissions](#)

[Get Ready for Earth Science Week](#)

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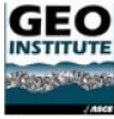
Geo-Institute Twitter Page

<http://twitter.com/GeoInstitute/statuses/2825860215>



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Earth Science Week kit avail from AGI: <http://tinyurl.com/ESW2010> #EarthScienceWeek2:02 PM Jul 24th
from web



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Geo Slice

Wednesday, February 25, 2009

Earth Science Week Update

From <http://www.earthsciweek.org/newsletter/>

EARTH SCIENCE WEEK UPDATE

American Geological Institute

Vol. 7, No. 2: February 2009

IN THIS ISSUE...

- * Climate to Be Theme of Earth Science Week 2009
- * Make Connections With Geoscience Partners Network
- * NASA Webcasts Target Grades 3-8 Teachers
- * AGI Reports on Geoscience Education, Workforce
- * Young Earth Scientists to Gather in China
- * Ward's Natural Science an Earth Science Partner

Climate to Be Theme of
Earth Science Week 2009

AGI is pleased to announce the theme of Earth Science Week 2009: "Understanding Climate." Being held October 11-17, Earth Science Week 2009 will promote scientific understanding of a timely, vital topic: Earth's climate.

Begin planning now for activities and resources designed to help students and citizens answer key questions. How do geoscientists determine the causes of weather patterns? What is the difference between weather and climate? How has our climate changed in the past - and how is it changing now?


AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth.

The program is supported by the U.S. Geological Survey, NASA, the AAPG Foundation, and other major geoscience groups. To learn more about Earth Science Week, related resources, and ways to participate, go to <http://www.earthsciweek.org>.

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02-27-2009, 09:04 AM #1



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Posts: 2940 ([View Stats](#))

 **Earth Science Week: Understanding Climate**
The American Geological Institute has announced the theme of Earth Science Week 2009 as "Understanding Climate". Begin planning now for activities and resources designed to help students and citizens answer key questions. How do geoscientists determine the causes of weather patterns? What is the difference between weather and climate? How has our climate changed [...]
أكثر...

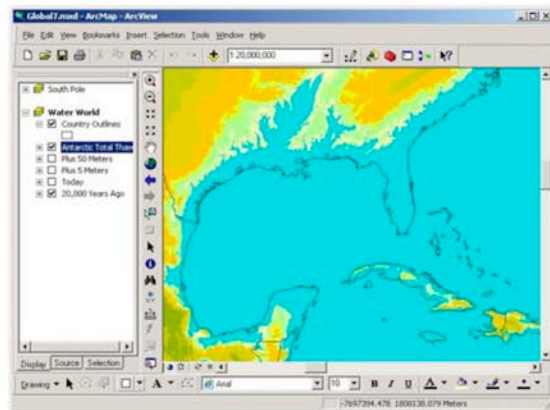
Neutral  

Earth Science Week 2009

October 12th, 2009 · [No Comments](#) · [GEO, GIS and GEO technology, GPS, Maps](#)

October 11-17 is [Earth Science Week](#) ("ESW"), organized by the [American Geological Institute](#). The purpose is to encourage people to learn about the natural world and examine the geosciences. This year, particular attention is being given to climate. ESRI is proud to be a sponsor and supporter of ESW. Educators can acquire an [ESW Toolkit](#), which includes a CD from ESRI.

Meanwhile, there are also materials available for download and interaction right from the [ESRI EdCommunity ESW page](#). We've broken it down into a quick presentation about what's GIS, about the use of GIS to study earth science, and the use of GIS to study climate in particular. You'll find a series of videos, produced and narrated by Joseph Kerski, introducing landscapes in the field plus a couple of explorations of climate and weather patterns. You can see examples of lessons that you can do with ArcGIS Desktop, ArcGIS Explorer, AEJEE, or even just a web browser. The most recent lesson (highlighted [in this blog a month ago](#)) uses [ArcGIS Explorer and sea surface temperature observations](#) from NASA to begin seeking patterns over time. A classic lesson, of great concern to those in low-lying coastal regions, is found in the "Water World" lesson in Module#7 of [Book#2](#) from the [Our World GIS](#) Education series.



It's easy to think that humans rule the world. One need only watch the headlines for the latest storm, earthquake, or tsunami to recognize that we don't control everything. And, while events at local scales may not generate big headlines, a solid grasp of earth science is tied intimately to personal lives and to living in a sustainable fashion. Using GIS is key to understanding the relationships between and integration of natural processes with human conditions.

- [Charlie Fitzpatrick](#), [ESRI Schools Program](#) Manager

Geoblogosphere News

<http://geoblogs.stratigraphy.net/index.php?query=%22nasa%22>

Obama's NASA Budget One of Policy Continuity

[The Dragon's Tales \[17:20:00\]](#)

The fiscal 2010 NASA budget outline to be released by the Obama Administration Feb. 26 adds almost \$700 million to the out-year figure proposed in the fiscal 2009 budget request submitted by former President Bush, and sticks with the goal of returning humans to the moon by 2020. The \$18.7 billion [...]

Earth Science Week Update

[Geo Slice \[00:48:00\]](#)

From <http://www.earthsciweek.org/newsletter/> EARTH SCIENCE WEEK UPDATE American Geological Institute Vol. 7, No. 2: February 2009 IN THIS ISSUE... * Climate to Be Theme of Earth Science Week 2009 * Make Connections With Geoscience Partners Network * NASA Webcasts Target Grades 3-8 Teachers * AGI Reports [...]

Geoblogosphere News

May 17, 2009

<http://geoblogs.stratigraphy.net/index.php?query=%22science+week%22&PHPSESSID=daee50f362c703a5971cc5a9ab485231>

Geoblogosphere News

by Stratigraphy.net

Search results for: ""science week""

Sunday, 17 May 2009

Energy Efficiency and Renewable Energy Website

Geology.com News [07:55:54]  recommend this post

The U.S. Department of Energy, a new Earth Science Week partner, provides learning opportunities for teachers and students at all levels. For example, the DOE Energy Efficiency and Renewable Energy website offers over 350 K-12 lesson plans. For activities aligned with national science standards and [...]

Earth Science Week Contests

Geology.com News [08:52:25]  recommend this post

AGI is sponsoring three national contests for Earth Science Week 2009. The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for

Society of Exploration Geophysicists Lectures

Geology.com News [07:02:26]  recommend this post

The Society of Exploration Geophysicists, an Earth Science Week partner, offers programs for educators and students. Their lecture series enables students to meet professional geophysicists, learn about groundbreaking research, and obtain valuable career

Sun Shadows Project

Geology.com News [16:47:31]  recommend this post

The Sun Shadows Project is a featured research project for students at the Earth Science Week website. Are shadows longer during the winter, when the sun is at a lower angle to the Earth, or is it longer in summer when the opposite is true? Find out by doing the

April: Earth Science Week Update

Geology.com News [04:18:47]  recommend this post

Topics in this edition of the Earth Science Week Update include.... * Go Online for Targeted Professional Development * As Scientists, Students Cast Long Shadows * Explore Geophysics During Earth Science Week 2009 * 'Visiting Geoscientists' Making an Impact on Students [...]

Earth Science Week Newsletter

Geology.com News [08:01:15]  recommend this post


Earth Science Week will be observed this year between October 11 and October 17. You can subscribe to their free monthly newsletter to receive announcements of ESW activities and earth science resources that teachers and others can use throughout the

USGS: Earth Science Week Activities

Geology.com News [07:02:23]  recommend this post

The U.S. Geological Survey (USGS), a longtime Earth Science Week partner, offers a wealth of information on virtually every Earth science topic - from natural resources and hazards to geospatial data - for students, educators, and members of the general public. Find these at the USGS education [...]

Teaching Resources for Understanding Climate

Geology.com News [20:02:38]  recommend this post

The theme for Earth Science Week 2009 (October 11-17) is "Understanding Climate." Their website has a number of climate-related resources that teachers can use to enhance their teaching about climate during Earth Science Week or any time of year.

Earth Science Week: Understanding Climate

Geology.com News [09:00:42]  recommend this post

The American Geological Institute has announced the theme of Earth Science Week 2009 as "Understanding Climate". Begin planning now for activities and resources designed to help students and citizens answer key questions. How do geoscientists determine the causes of weather patterns? [...]

Earth Science Week Update

Geo Slice [00:48:00]  recommend this post

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He Blinded Me With Science

Prerogative of Harlots [01:38:00]  recommend this post

(Normally I try to confine myself to blogging about museum issues and steer clear of the P-word. But while I was standing at the station this morning, the following came into my head and stuck there. So this is me, getting it out) When you're a kid, you have a boundless enthusiasm for the natural [...]

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http://www.geoengineer.org/?option=com_content&view=frontpage&Itemid=64

- [Linkfest: Earth Science Week, AWG's new website, and annual meetings galore \[All of My Faults Are Stress Related\]](#) 30 Jul 2009 | 3:53 am

Earth Science Week 2009 will be October 11-17 (ending on the 20th anniversary of the Loma Prieta earthquake!). This year's theme is "Understanding Climate." There are photo, visual arts, and essay contests, and Thursday is going to be the first "Women in Geosciences" day. (And then Friday will b...

Geoscience Australia's Geologi 2009 Short Film Competition Flier



Earth Science in everyday life

WHAT IS THE GEOLOGI SHORT FILM COMPETITION 2009?

The Geologi Short Film Competition 2009 (*Geologi09*) is hosted by Geoscience Australia and the Australia Science Teachers Association (ASTA) to celebrate Earth Science Week from October 11–17. All Australian primary and secondary schools are invited to submit an Earth science themed film that relates to everyday life.

WHO SHOULD ENTER?

The *Geologi09* is a competition designed for students with an interest in Earth science, film making or both! Any individual, class or group can enter a film into the competition, in one of three age divisions:

- **Primary:** with a maximum film time of 5 minutes
- **Years 7-10:** with a maximum film time of 5 minutes
- **Years 11-12:** with a maximum film time of 7 minutes

NOTE: gold and silver will be awarded in all divisions.

WHAT DO YOU NEED TO DO?

To enter, all you have to do is make a film that explains how one of the following relates to everyday life.

- Natural hazards
- Rocks and minerals
- Geological time
- Your local geology
- The Earth's structure

For example, a film could be made to explain how we use a mineral, such as zinc, in our lives including how we locate it in the earth. Another example of a possible film topic could be how earthquakes or tsunami affect people and how science is helping us understand these natural hazards. It's up to you to be creative! The important thing to remember is to include Earth science and relate this to the theme "Earth science in everyday life".



MORE INFORMATION?



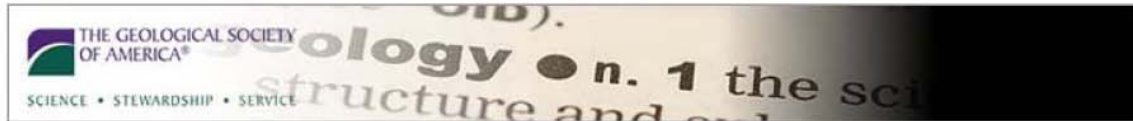
For more details and to receive an Earth Science Week information pack please send this section with your postal or email address (turn over) to:

The *Geologi* Short Film Competition
Geoscience Australia
GPO Box 378
Canberra, ACT 2601.

Or contact us on:
education@ga.gov.au or (02) 6249 9464

Geological Society of America

http://www.geosociety.org/educate/esw_activities.htm



Earth Science Week

WHY SHOULD I GET INVOLVED?	USEFUL WEB SITES	TIPS
		ACTIVITIES

ACTIVITIES

[Impact Formal and Informal Education](#) | [Encourage Others to Participate](#)

There are many opportunities to get involved with your community via formal and informal education during Earth Science Week. No matter what you select, we encourage you to involve both educators and scientists in your Earth Science Week project. Bringing together science knowledge with teaching skills is the best way to ensure the success of your project. Scientist partners can be found in universities, geoscience consulting companies, and state and federal agencies (such as state and federal geological surveys). Educators can be accessed through district or state science supervisors, local schools, museums, and science centers.

Note: This is also your opportunity to provide other educators and scientists with the opportunity to help create a discriminating, educated society committed to the responsible use of Earth and its resources. Consider asking your colleagues who are not currently involved in outreach activities to assist you with your project.

Key

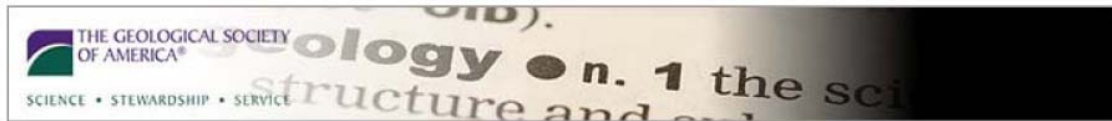
S	Activities that geoscientists generally have the resources/ability to initiate.
E	Activities that geoscience educators generally have the resources/ability to initiate.

Opportunities to impact formal and informal education

S	If your field site is close, invite students or educators to assist you in collecting data for a day. This is a wonderful way to give educators and students an idea of what field research is all about (plus you have some extra sample-carriers, which never hurts). Contact your local school district or state or district science supervisor to find interested educators. Make sure to plan some time at the end of the day to discuss and review what participants have learned and to answer questions.
S	Visit a classroom. Give a presentation (including discussion and hands-on activities) to a class. Begin by talking to geoscience educators at your children's or your neighbor's children's schools about topics that would add to their curriculum, and offer to do a special presentation for them. If these educators can't take advantage of your offer, they can probably recommend someone who can. Some topics to consider include careers in geoscience, life of a geoscientist, geological hazards in your local area, local geology and weather, and household minerals.
E	Invite a scientist to your classroom or after-school center. This is a great opportunity for students to find out first hand what the life of a scientist is like. Contact local geoscience organizations (consulting companies, research institutes, universities) in your area to locate a scientist who might be interested in talking with your students during Earth Science Week.
S E	Talk to a local school board about the importance of Earth Science education Request an audience with a local school board to discuss this topic. Bring concrete examples of successful earth science curricula and ways in which earth science examples can be successfully integrated into existing curricula.
S E	Set up e-mail or a "cyber-chat" so students can communicate with scientists. Another way to enrich students' geoscience learning experience is to find a scientist or educator with whom you can communicate in an electronic format. Scientists can easily answer questions for educators via e-mail. Alternately, set up a cyber-chat so students can talk directly to a scientist. Marie Fullerton, an elementary school technology coordinator, has set up several live chats between scientists and classes at her school. For more information on how to set up cyber-chats, contact Marie .
S	Locate and donate geological equipment to schools. Many schools do not have budgets to buy even basic scientific equipment, let alone expensive equipment. Spend some time gathering old or superfluous equipment from your work place, and donate the equipment to a local school during Earth Science Week. Complete your donation with an informal seminar on why and how geoscientists use each piece. If you are able, you might also provide examples of how the equipment may be used in the classroom.
S	Develop rock and mineral kits to give to local educators. Rock and mineral kits can be invaluable to educators, many of whom don't have the resources to purchase them. Enlist your colleagues in different areas of the country to send you rocks and minerals common to their area. You might consider organizing a group of colleagues who are interested in making kits for their local educators to engage in a national rock swap.

Geological Society of America

<http://www.geosociety.org/educate/earthweek.htm>



Earth Science Week

11–17 October 2009

[WHY SHOULD I GET INVOLVED?](#) [TIPS](#)

THEME: "UNDERSTANDING CLIMATE"

2009 marks the twelfth annual Earth Science Week — Earth Science Week 2009 will engage students, educators, and the general public in understanding all the factors driving climate and the role climate plays in the history of Earth and humankind. Learn more at the official AGI [Earth Science Week](#) Web site.

What is Earth Science Week?

Earth Science Week, the second full week in October, is an annual celebration of the contribution geoscience makes to society. The resolution to establish Earth Science Week was initiated by the Association of American State Geologists and was read into the Congressional Record in July 1998 by Senator Ron Wyden of Oregon.

Read the [message](#) from President Clinton (2000) encouraging all Americans to participate in Earth Science Week activities.

GSA urges each of you to set aside at least one day during Earth Science Week to reach out to your community and promote the creation of a conscientious society committed to the responsible use of Earth and its resources. [Write to your Elected Officials!](#) GSA member participation in Earth Science Week activities will help implement GSA's goal to support geoscience in the service of society.



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Geologist News

<http://www.myfloridalicense.com/dbpr/pro/newsletters/GeologistNews.html>

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Message From The Executive Director Richard "Rick" Morrison

Earth Science Week 2009 began Sunday, October 11. Earth Science Week was organized by the American Geological Institute to promote public awareness of the earth sciences and stewardship of the earth. This year's theme was "Be a Citizen Scientist." The Florida Geological Survey, Department of Environmental Protection among other earth science organizations, also played a big part by holding an open house and tours to generate interest in the conservation and protection of the earth. In Florida, demonstrations from organizations such as the United States Geological Survey, which demonstrated a ground water movement model, and the Florida Geological Survey, which helped participants identify rocks in Florida and from other parts of the country, in addition to an actual drilling demonstration to identify different layers of the earth's surface. These are just some of the events among many that took place nationwide during Earth Science Week to commemorate the occasion. If you would like more information, log on to <http://www.earthsciweek.org/>.

Richard "Rick" Morrison, Executive Director
Board of Professional Geologists

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New Requirement to Report Criminal Convictions

Report Unlicensed Activity

To report unlicensed activity, please call the Department's Unlicensed Activity Hotline at

1.866.532.1440

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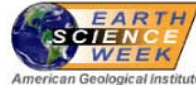


Teaching Resources for Understanding Climate

March 31, 2009 | Earth Science Week 2009

The theme for Earth Science Week 2009 (October 11-17) is "Understanding Climate." Their website has a number of climate-related resources that teachers can use to enhance their teaching about climate during Earth Science Week or any time of year.
<http://www.earthsciweek.org>

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Drift River Oil Terminal

March 31, 2009 | Reuters

Reuters reports that Chevron has six million gallons of crude oil stored in tanks on the floodplain of the Drift River directly downstream from the Mount Redoubt eruption. Lahars from the eruption reached the protective dike around the tanks and overtopped it in a few locations ([photo](#)). Some people say that the oil should have been removed when Redoubt started showing signs of possible eruptive activity early this year.

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Obama: 2 Million Acres Protected

March 31, 2009 | Reuters

President Obama signed legislation that will protect about 2 million acres in nine states (California, Idaho, Utah, Colorado, Oregon, Virginia, West Virginia, New Mexico and Michigan) from oil and gas drilling and certain other activities.

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Landslides in Norway

March 31, 2009 | Dave's landslide blog

Dave Petley has a post about landslides in Norway. Quick clays and steep-sided fjords are responsible for a lot of the landslides there.

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Natural Gas Find Off Morocco

March 31, 2009 | Bloomberg.com

Dana petroleum reports that a large gas discovery was made in their first well drilled offshore Morocco.

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US Rig Count Falls to 1039

March 31, 2009 | Baker Hughes

The United States rig count fell about four percent last week - down to a total of 1039 rigs drilling for oil



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The East Africa Rift System:

Learn some basics about the East Africa Rift System from this article by James Wood and Alex Guth of Michigan Technological University.



What are Meteorites? Join meteorite hunter, Geoffrey Notkin, as he begins a series of monthly articles on the topic of meteorites.



Marcellus Shale: The most overlooked resource in the eastern United States!



Mineral Rights / Oil & Gas: Who owns the minerals under your land? Have they been sold? Can someone mine without your permission?



Sliding Rocks of Racetrack Playa: How these rocks slide across a dry lake bed is a mystery. Learn what is thought to move them. © iStock / S. Hoerold



Spectacular Yosemite Rockfall: A photo sequence of the fall and debris avalanche by Herb Dunn.



Coal Through a Microscope: Coal is more than a black rock. It's THE most interesting rock.

Geology.com News

May 16, 2009

<http://geology.com/news/2009/earth-science-week-contests.shtml>

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[Energy Efficiency and Renewable Energy Website](#)

May 17, 2009 | U.S. Department of Energy

The U.S. Department of Energy, a new [Earth Science Week](#) partner, provides learning opportunities for teachers and students at all levels. For example, the DOE Energy Efficiency and Renewable Energy website offers over 350 K-12 lesson plans. For activities aligned with national science standards and covering topics from energy basics to biofuels, visit their website.



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Sun Shadows Project

April 18, 2009 | [Earth Science Week](#)

The Sun Shadows Project is a featured research project for students at the Earth Science Week website. Are shadows longer during the winter, when the sun is at a lower angle to the Earth, or is it longer in summer when the opposite is true? Find out by doing the research.

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You can view the Earth Science Week newsletter for [American Geological Institute](#) May 2009 and previous months online at the [EarthSciWeek.org](#) website. It has lots of information about Earth Science Week activities, ideas and resources.

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Geology News Earth Science Current Events



Become a Web Ranger!

July 1, 2009 | Earth Science Week / National Park Service

The National Park Service, an [Earth Science Week](#) Partner, has an interactive "Web Ranger" program that helps people of all ages learn about the National Parks. Learn about Earth science in the National Parks at their [website](#).



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[Earth Science Week Photo Gallery](#)

July 2, 2009 | [Earth Science Week](#)

Every year, thousands of people all around the world participate in Earth Science Week events and contests. You can view photos of these activities at the Earth Science Week Photo Gallery. If you have participated in an activity in the past or plan one for this year you can submit a photo for possible use in the gallery.



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[Exploring Earth Science Around the World](#)

June 30, 2009 | [Earth Science Week](#)

Earth Science Week and the International Year of Planet Earth are sponsoring a photo contest for photographers worldwide. The theme is: "Exploring Earth Science Around the World". Entrants are encouraged to submit photos that show people engaged in Earth science exploration in the natural environment of their part of the world.



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Earth Science Week Toolkit

July 29, 2009 | EarthSciWeek.org

Earth Science Week Toolkits for 2009 are now available at the EarthSciWeek.org website. They contain...

- * A 12-month school-year activity calendar, suitable for hanging
- * The new Earth Science Week poster, including a climate activity
- * USGS climate education resources, including volcano materials
- * NASA climate resources, including a "Dynamic Earth" DVD
- * A report on "Ecological Impacts of Climate Change"
- * A National Park Service poster on glaciers nationwide
- * A new brochure outlining principles for Earth science literacy
- * A CD on GIS technology and activities from ESRI
- * A genuine field notebook from Rite in the Rain
- * Climate literacy materials provided by NOAA
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[Geologi Short Film Competition](#)

July 30, 2009 | [Geoscience Australia](#)

Geoscience Australia will once again celebrate Earth Science Week by hosting the Geologi short Film Competition. The competition, open to all school-age Australian students, focuses on the theme "Earth Science in Everyday Life." Entries close on Aug. 14.

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[GSA Teacher Advocate Program](#)

August 2, 2009 | Geological Society of America

Teachers and students can take advantage of the Geological Society of America's Teacher Advocate Program which provides "Explore Geoscience" CD-Roms, lesson plans, educational materials, and resource links for Earth science teachers.

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EPA Climate Change Toolkit for Middle School

September 3, 2009 | EPA

The U.S. Environmental Protection Agency recently released a new free collection of resources to enhance middle school student understanding of climate change impacts on the United States' wildlife and ecosystems.

Climate Change is the theme for this year's [Earth Science Week](#) which will be celebrated October 11th through 17th, 2009.



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[Climate Change Education](#)
September 6, 2009 | North American Association of Environmental Education
The North American Association for Environmental Education 2009 Conference is taking place October 7-10 in Portland, Oregon. A major conference strand will focus on climate change education.
[Understanding Climate](#) is the theme. [Earth Science Week 2009](#) which begins on day after this conference October 11, 2009.

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Earth Science Week Newsletter
September 23, 2009 | Earth Science Week
You can now easily get all Earth Science Week links and information about Earth Science Week Programs such as:
• Q&A: Q&A with Earth Day Committee
• Field Notebook for Students Featured in 2009
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No Child Left Inside Day
September 21, 2009 Earth Science Week

One of the highlights of last year's Earth Science Week celebration was No Child Left Inside Day, when thousands of students in various learning activities and received coverage by news media from NBC to NPR. This year's celebration is scheduled for September 21, 2009.

EARTH SCIENCE WEEK
American Geological Institute

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[Earth Science Week: Understanding Climate](#)

February 27, 2009 | Earth Science Week 2009

The [American Geological Institute](#) has announced the theme of [Earth Science Week 2009](#) as "Understanding Climate". Begin planning now for activities and resources designed to help students and citizens answer key questions. How do geoscientists determine the causes of weather patterns? What is the difference between weather and climate? How has our climate changed in the past - and how is it changing now?

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USGS: Earth Science Week Activities
April 5, 2009 | USGS / Earth Science Week
The U.S. Geological Survey (USGS), a longtime [Earth Science Week](#) partner, offers a wealth of information on virtually every Earth science topic - from natural resources and hazards to geospatial data - for students, educators, and members of the general public. Find these at the [USGS education website](#). Earth Science Week is October 11-17, 2009 - get ready now!
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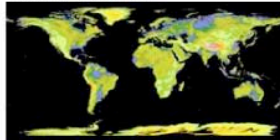
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What is Earth Science? It is the study of Earth and its neighbors in space. It includes geology, astronomy, meteorology & oceanography.



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World's Largest Shake Table Test: Researchers shake a six-story wood-frame building with force of a 7+ magnitude quake.

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How Old is the Amazon River? Researchers estimate the age of the Amazon River by analysis of offshore sediments.



Glaciers Can Retreat in a Geologic Instant: A study shows that tidewater glaciers can melt rapidly and contribute to sea level rise.



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[Get Ready for Earth Science Week](#)
September 1, 2009 | Earth Science Week
With school starting, now is the time to start planning for Earth Science Week which will be observed this year between October 11th and 17th. The theme is Understanding Climate and you can learn more at the [website](#).
Their website has [ideas for teachers](#) and [ideas for planning](#) an Earth Science Week event.


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NASA Will Release Climate Change Videos
October 8, 2009 | NASA
During Earth Science Week (October 11 to 17), NASA American Geological Institute will release five short educational videos, all part of a series entitled "Tides of Change." The videos, focusing on the connection between ocean and climate, will be posted at NASA Global Climate Change (<http://climate.nasa.gov>), a one-stop shop for NASA Earth Science Week education resources related to understanding climate.

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Contest: Oceanic Science Art
October 11, 2009 | Joint Oceanographic Institutions for Deep Earth Sampling
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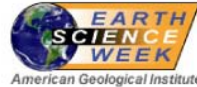


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April 20, 2009 | [Society of Exploration Geophysicists](#)

The Society of Exploration Geophysicists, an [Earth Science Week](#) partner, offers programs for educators and students. Their lecture series enables students to meet professional geophysicists, learn about groundbreaking research, and obtain valuable career information.



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Earth Science Week begins on October 11 and you can get their October Newsletter at the www.earthsciweek.org website. It contains lots of ideas for Earth Science Week, teaching resources and more.

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Want to see yourself and your students on the Earth Science Week website? Simply send photos from your Earth Science Week celebrations and activities (along with any necessary signed permission forms). Earth Science Week staff will post selected images on the Earth Science Week Photo Gallery. [Get information here.](#)

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Looking at Climate Change Through Polar Science
October 13, 2009 | PolarTREC
Join PolarTREC (Teachers and Researchers Exploring and Collaborating) for a special live event celebrating Earth Science Week 2009, "How We Know What We Know: Looking at Climate Change Through Polar Science." Polar researchers Dr. Julie Brigham-Grette and Dr. Ross Powell and PolarTREC teacher Tim Martin will discuss climate research conducted in the Arctic and Antarctica through sediment coring.

American Geological Institute
The live online event will take place Friday, October 16, at 9 a.m. Alaska Daylight Time (7 a.m. HST, 10 a.m. PDT, 11 p.m. MDT, 12 p.m. CDT, 1 p.m. EDT).

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Earth Science Week 2009 und hervorragendes Lehrmaterial

Online seit 26. Februar 2009 | Von Lutz Geißler

In der Februarausgabe des Earth Science Week (ESW) Newsletters vom American Geological Institute ([AGI](#)) wurde das diesjährige Thema der USA-weiten Aktionswoche der Geowissenschaften bekanntgegeben: das Klima der Erde. Es sind wieder etliche Veranstaltungen geplant. Aktuelle Informationen werden auf der [ESW-Website](#) bereitgestellt. [Weiterlesen](#)

Schlagwörter: [AGI](#), [American Geological Institute](#), [Comic](#), [Earth Science Week](#), [Lehrmaterial](#)

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Geonetzwerk Blog

<http://www.geonetzwerk.org/2009/02/26/earth-science-week-2009-und-hervorragendes-lehrmaterial/>



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Unter anderem ist das AGI eine offenbar fruchtbare Kooperation mit den Machern des im Juli 2008 in den US-Kinos angelaufenen 3D-Films "[Journey to the Center of the Earth 3D](#)" eingegangen. Herausgekommen ist ein "[Educator Guide](#)" ([pdf](#)), sprich ein Lernheft, das sich auf unkomplizierte und didaktisch erstaunliche Weise den vielfältigsten geologischen Themen widmet. Die Kinder und Jugendlichen erleben die Abenteuer der in der Neuverfilmung des Jules Verne-Klassikers agierenden Helden als Comic nach. Ganz nebenbei wird den Lesern dabei die Geologie schmackhaft gemacht. Selbst gestandenen Geologen wird es in den Fingern jucken, die Rätsel dieses Heftes zu lösen. Hervorragendes Lehrmaterial, das wie so oft als Vorbild für teils

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Happy Earth Science Week – Oct 11-17

Miscellaneous

Written by Randy Post

Monday, 12 October 2009 00:54



This week is Earth Science Week sponsored by the American Geological Institute. The theme for this year according to [EarthScienceWeek.org](#) is "Understanding Climate". Their objectives are:

- To engage students in discovering the Earth sciences.
- To remind people that Earth science is all around us.
- To encourage Earth stewardship through understanding.
- To motivate geoscientists to share their knowledge and enthusiasm about the Earth.

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<http://www.ga.gov.au/education/events/science-week/index.jsp>

Earth Science Week

What's happening in 2009?

Earth Science Week 2009 will be celebrated from October 11th-17th. A range of activities and events will take place all around Australia during the week, highlighting all things Earth Science. Geoscience Australia will continue to host the Earth Science Week website and are looking for people to submit their events for the Earth Science Week calendar.

What are the objectives of Earth Science Week?

- To give students new opportunities to discover the Earth sciences
- To highlight the contributions made by Earth sciences to our lives, and our communities
- To pass on the message that Earth science is all around us
- To encourage stewardship of the Earth through an understanding of Earth processes
- To provide opportunities for geoscientists to share their knowledge and enthusiasm about the Earth
- To have fun!



Earth Science Week 2008 poster
© Geoscience Australia

What can you do?

Organise a special activity at your school or celebrate Earth Science Week with:

- a geoscience activity day
- family activities
- scientific demonstrations
- photographic displays
- 'geoscience' book displays
- Earth science artwork displays
- science project displays
- teacher workshops
- public lectures.

Contact education@ga.gov.au for more information.

Background

The [American Geological Institute](#) organised the first [Earth Science Week](#) in October 1998. It now provides an opportunity for all those involved in Earth sciences around the world to present the results of their activities, and highlight the importance of their work to the community.

This special week allows geoscientists, teachers and parents to focus on helping students to explore the

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Event report

Earth Science Week 2009 celebrations

The 12th International Earth Science Week was celebrated from 11 to 17 October 2009 based on the theme 'Understanding Climate'. Events were held around Australia to celebrate and raise awareness of the Earth sciences in the community, and to recognise the contributions of people working in these fields.

A highlight of Earth Science Week 2009 was the official screening of the winning entries and the presentation of awards for the third national *Geologi* Short Film Competition at Geoscience Australia's headquarters in Canberra on 12 October.

Over 400 students across Australia produced and submitted short films for the competition, which was hosted by Geoscience Australia and the Australian Science Teachers Association. The films were judged on their science content, creativity and promotion of the theme 'Earth science in everyday life'. Film topics included natural hazards, geological time and Australia's natural resources.

The senior gold *Geologi* was won by 'Movements of the Earth' produced by a Year 12 student from Tully State High School in Queensland. The junior gold *Geologi* was presented to students from Presbyterian Ladies' College, Perth, Western Australia, for their short film 'Oil'. This year's *Geologi* included a primary school category for the first time, with students from St Therese Primary School, Mascot, New South Wales, taking the gold *Geologi* for their film 'Volcano!!!'.





Geosciences.pk Website

<http://www.geosciences.pk/2009/06/30/exploring-earth-science-around-the-world/>

Exploring Earth Science Around the World

June 30th, 2009 Posted in [Geology.com](#)

Earth Science Week and the International Year of Planet Earth are sponsoring a photo contest for photographers worldwide. The theme is: "Exploring Earth Science Around the World". Entrants are encouraged to submit photos that show people engaged in Earth science exploration in the natural environment of their part of the world

View original post here:

[Exploring Earth Science Around the World](#)

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Monday, July 06, 2009 | Subscribe via [RSS](#)

Earth Science Week Photo Gallery

July 2nd, 2009 Posted in [Geology.com](#)

Every year, thousands of people all around the world participate in Earth Science Week events and contests. You can view photos of these activities at the Earth Science Week Photo Gallery.

Go here to see the original:

[Earth Science Week Photo Gallery](#)

Tags: [geology-news](#), [Geology.com](#), [interesting](#), [washington](#)

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AGI Announces Earth Science Week 2009 Theme

The American Geological Institute is announcing that “Understanding Climate” is the theme for the 2009 Earth Science Week.

Climate is perhaps the most visible earth science topic in the news. Climate affects humans today just as it has for millions of years. It is also pivotal in understanding how the dynamics of our planet function across different scales of time and space. Earth Science Week 2009 will engage students, educators, and the general public in understanding all the factors driving climate and the role climate plays in the history of Earth and humankind.

“Students and the general public need to understand Earth’s climate system, above and beyond the sound bites of public debate,” says Ann E. Benbow, AGI’s Director of Education and Outreach. “Earth Science Week 2009 will provide educators, students and interested citizens with the information, resources, and activities they need for scientifically sound climate education.”

AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, and the broader geoscience community through grassroots activities.

To learn more about this week and ways to become involved; including newsletters, local events, and classroom activities, please go to the Earth Science Week website at <http://www.earthsciweek.org>.

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Geospectrum Blog

May 26, 2009

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Earth Science Week 2009 “Understanding Climate” Contest Themes Announced

The American Geological institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2009, “Understanding Climate,” October 11-17.

All U.S. residents are encouraged to enter “How Climate Shapes my World” – this year’s Earth Science Week photography contest. Entrants should use their cameras to capture an image that best represents the climate in their local environs.

Students in grades K-5 are eligible to enter the visual arts contest, “The Climate Where I Live.” Submissions should illustrate not only what the climate is like today in your town, but what it was like 100,000 years ago.

The essay contest “Climate Connections,” is open to students in grades 6-9. Submissions should focus on how climate interacts with all of the earth systems in their community and how those earth systems in turn influence climate.

Earth Science Week is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation.

To learn more about Earth Science Week and these contests please go to <http://www.earthsciweek.org/contests/>.

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2009 Earth Science Week Toolkits now Available

The essential Earth Science Week 2009 (October 11-17) Toolkit enables students, educators, and the public to fully explore this year's theme "Understanding Climate." The latest edition of this resource is now available through the American Geological Institute (AGI).

The 2009 Earth Science Week Toolkit contains a 12-month school-activity calendar and classroom poster provided by AGI, its Member Societies and other organizations. Along with these traditional Earth Science Week publications, this year's Toolkit features a variety of educational climate resources from the U.S. Geological Survey (USGS), NASA, and the National Oceanic and Atmospheric Administration (NOAA). A report on the "Ecological Impacts of Climate Change" and a new brochure outlining principles for Earth Science literacy are also included.

Multimedia features this year include NASA's "Dynamic EARTH" DVD-ROM and a CD-ROM on GIS technology from ESRI. Additional informational materials within the kits include a National Park Service poster highlighting the nation's glaciers and literature on the National Wildlife Refuge System. Like years past, the 2009 Toolkit contains a genuine field notebook from Rite in the Rain.

These items and much more make the Earth Science Week Toolkit ideal for engaging students and general public to explore the geosciences. The Toolkits are available for the cost of shipping and handling (\$6.95 in the United States). Bulk pricing is available. To order, visit <http://www.earthsciweek.org/materials/>.

Earth Science Week is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation. To learn more about this event, please visit <http://www.earthsciweek.org/>.

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Earth Science Week Update: Is Earth Science Education At Risk in Your State?

Public schools have dropped Earth science from the required curriculum in recent years. Colleges have closed geoscience departments. Employers have said they need more qualified candidates for geoscience jobs. Does your public education system ensure that all students learn important Earth science content?

AGI now allows you to track the status of Earth science education nationwide. The Open Science website, launched in connection with Earth Science Week, offers detailed, up-to-date information on geoscience education in every state, as well as guidance for advocates. View online at <http://www.agiweb.org/education/statusreports/2007/index.html>.

Geospectrum Blog

<http://www.agiweb.org/geospectrum/2009/09/21/earth-science-week-update-online-climate-change-conference-by-smithsonian/>

GeoSpectrum

News About the Geoscience Profession

AGI Offers New No Child Left Inside Day Web Resources

Earth Science Week Update: Online Climate Change Conference by Smithsonian

Want to discuss global climate with a Smithsonian researcher or curator? Take part in the Smithsonian Online Education Conference on Climate Change from September 29 through October 1, just in time for Earth Science Week 2009, which celebrates the theme "Understanding Climate."

In addition to interacting with Smithsonian experts in both general interest sessions and sessions designed especially for teachers, you can explore Smithsonian research and collections related to the evidence, impact, and response to climate change. Alongside Smithsonian scientists and curators, you also can look at issues surrounding climate change from the perspectives of science, history, and art.

Registration is free and open to everyone. Conference sessions are recorded and archived so you can replay them at any time. To learn more or register, please visit http://www.smithsonianeducation.org/educators/professional_development/conference/2009/climate_change/index.html.

GeoSpectrum

News About the Geoscience Profession

« [Potomac Geophysical Society October Meeting](#)
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Earth Science Week Update: J-aRt Ship Illustration Contest

ESW Update 10/09: "Grab your pencils, paints, and creative minds! The Joint Oceanographic Institutions for Deep Earth Sampling are looking for your best and brightest original artwork of its ship, the JOIDES Resolution (JR).

Students are encouraged to submit entries for the J-aRt Contest. Create a drawing, painting, or other artwork featuring the JR and its work. Winning classrooms and schools will be visited by JR crew and staff.

A research vessel, the JR takes core samples and measurements from under the ocean floor, giving scientists a glimpse into Earth's development and also a scientific means of measuring climate and environmental change throughout a significant part of our planet's history. To learn more about the ship, visit <http://joidesresolution.org>. Submissions are due November 10. For rules and instructions, visit <http://joidesresolution.org/node/446>."

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Geotripper.com Blog

<http://geotripper.blogspot.com/2009/09/no-child-left-inside-our-national-parks.html>

SUNDAY, SEPTEMBER 27, 2009

No Child Left Inside! Our National Parks



ABOUT ME



GARRY HAYES

I am a teacher of
geology at Modesto
Junior College and the

past president of the National
Association of Geoscience Teachers,
Far Western Section. I have led field
trips all over the western United
States, and a few excursions overseas,
but my homebase is the Sierra
Nevada, the Great Valley, and the
Coast Ranges of California.

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GEOTRIPPER

NEWS AND VIEWS FROM THE GEOLOGIC REALM

SUNDAY, OCTOBER 11, 2009

The World is Going to End in 2012! Uh...Random Thoughts for Earth Science Week



ABOUT ME



GARRY HAYES

I am a teacher of geology at Modesto Junior College and

the past president of the National Association of Geoscience Teachers, Far Western Section. I have led field trips all over the western United States, and a few excursions overseas, but my homebase is the Sierra Nevada, the Great Valley, and the Coast Ranges of California.

[VIEW MY COMPLETE PROFILE](#)

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Click here for the latest news in the Geoblogosphere, courtesy of Chris at Highly Allochthonous

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"But most archaeologists, astronomers and Maya say the only thing

Grand Canyon National Park Celebrates Earth Science Week

<http://www.nps.gov/grca/parknews/grand-canyon-national-park-to-celebrate-earth-science-week-october-11-through-17.htm>

Date: September 24, 2009

Contact: **Maureen Oltrogge**, 928-638-7779

Contact: **Allyson Mathis**, 928-638-7923

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Grand Canyon, Ariz. - Grand Canyon National Park will celebrate Earth Science Week by offering a variety of special programs and activities during the week of October 11 - October 17, 2009. Ranger and resource management led programs on the park's geology and other earth science topics will be offered, and exhibit panels from the *Mapping the Canyon* exhibit developed by Grand Canyon Association will be on display in the lobby of park Headquarters. A geology field trip on Desert View Drive led by U.S. Geological Survey research geologist George Billingsley on Saturday, October 17 will culminate the week's events.

Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the most well known and most scenic geologic landscapes on the planet.

Superintendent Steve Martin said, "Grand Canyon National Park is very pleased to offer special events in recognition of Earth Science Week. The earth sciences are essential tools that the National Park Service uses to preserve and protect Grand Canyon. We are very excited to offer a variety of earth science programs throughout the week, especially the geology field trip on Desert View Drive, which will provide a unique opportunity for visitors to learn about the canyons' geology from George Billingsley, a field geologist who has dedicated his professional career to studying the geology of the Grand Canyon region."

To commemorate Earth Science Week, Fossil Walks and Geology Walks will be offered daily from Sunday, October 11 through Friday, October 16. The Fossil Walk will begin at 9:30 a.m. from the patio behind the Bright Angel Lodge and will visit a fossil bed containing the remains of a variety of marine organisms exposed near the rim of Grand Canyon. The Geology Walk will begin at 1:00 p.m. from outside of Yavapai Observation Station and will overview the canyons' geologic story. Each program will last approximately one hour and include an easy 1-mile walk.

On Tuesday, October 13, the park will celebrate No Child Left Inside Day as part of Earth Science Week by offering a touch table on the rim of the canyon in the historic village near the El Tovar Lodge from 11:30 a.m. to 4:00 p.m. The touch table will help kids and park visitors explore the canyons' geology by providing a variety of hands-on activities.

Several evening programs offered during the week will be on the earth sciences. On Monday, October 12, Park Ranger Chris Carroll will present *Arizona Monsoon? Surely You Jest! (The Summer Climate of Grand Canyon)*. Evening Programs last approximately one hour and are presented in the Shrine of the Ages auditorium. On Tuesday, October 13, Parker Ranger Jim Heywood presents *How the Grand Canyon Came to Be: Grand Canyon Geology*. On Wednesday, October 14, Margaret Cook, Environmental Director, Gila River Community will present *People, Culture and Environment*.

On Saturday, October 17, USGS research geologist George Billingsley will lead a special Earth Science Week geology field trip on Desert View Drive from 10 a.m. to 4 p.m. The field trip will begin and end at Grand Canyon National Park Headquarters and include stops at Desert View, Grandview Point and Yaki Point. Free transportation for the field trip will be provided by a park shuttle bus. Billingsley has spent his career mapping the Grand Canyon region and has 131 professional papers and geologic maps on the region's geology. During the field trip, he will provide



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Earth Science Week 2009 Photography Contest

Deadline: October 16, 2009

Source: American Geological Institute (AGI)

Web Site: [Earth Science Week 2009 Photography Contest](#)

The American Geological Institute (AGI) is sponsoring a photography contest to celebrate Earth Science Week 2009. The photography theme for this year is: "How Climate Shapes My World." The photography contest is open to interested persons of any age. The winner will receive \$300, a copy of AGI's Faces of Earth DVD, and his or her photograph will be used on the Earth Science Week Website. Photos are judged by a panel of geoscientists on creativity and relevance to topic.

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FRIDAY, SEPTEMBER 25, 2009

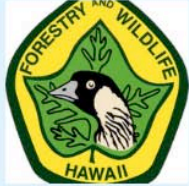
[Earth Science Week](#)




A weeklong event sponsored by the American Geological Institute, [Earth Science Week](#) is October 11-17, 2009.

The purpose of this weeklong celebration is to "encourage people everywhere to explore the natural world and learn about the geosciences. 'Understanding Climate,' the theme of Earth Science Week 2009, will promote scientific understanding of a timely, vital topic: Earth's climate." -www.earthsciweek.org

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Highly Allochthonous Blog

http://scienceblogs.com/highlyallochthonous/2009/10/earth_science_week_challenge_d_3.php

Category: [by Anne](#) • [earthquakes](#) • [science education](#) • [volcanoes](#)

Posted on: October 16, 2009 6:14 AM, by [Anne Jefferson](#)



This week, we're helping push the [Geobloggers Giving Kids the Earth challenge](#), by promising that Chris or I will write a post on a topic chosen by our readers for each project that is fully funded by the end of the week.

To finish out the week with a rattle and boom, let's push ourselves and round up \$584 for a project on the "charismatic megafauna" of geology: volcanoes and earthquakes. [Shake, Rattle, and Measure](#), is for a sixth-grade class in Arkansas that wants a seismograph model, erupting volcano pack, and books and DVDs about volcanoes and earthquakes. As their teacher writes:

The light of my life this year is my sixth grade class who appear to be so eager to learn just about anything. This is a high risk area that really could use any help you are willing to give. They are a very energetic group of young people who are going to do great things in life. These students have positive attitudes and with your help, I will try to help them reach their full potential.

The only thing standing in the way of greatness is the lack of supplies. The minds and willingness to do whatever it takes to achieve are the least of worries. This class has many bright and potential leaders. They are very interested in plate tectonics and are looking forward to the hands-on activities that the lab will provide.

Please spare a few dollars for "[Shake Rattle and Measure](#)" or [give to another Oregon classroom in need of rocks, earth science books, and a globe](#). Don't like the project I've picked? Take a look at the rest of the [Geobloggers Giving Kids the Earth giving page](#) and find the one the best suits your fancy.

Thanks to everyone for helping out. So far we have funded two of the projects I featured this week, and we are on our way to funding two more. On top of that, several other projects from the challenge were funded with donations from geoblog readers or members of the Earth Science Women's Network. Thanks to all of our readers for playing along this week and putting up with my incessant begging. When Earth Science week is officially over - we'll call it the start of formal sessions at GSA on Sunday morning - Kim and I will tally up the number of projects completed this week and let you know how to nominate topics for Chris and I to write about. I'll be at GSA for pretty much all of next week, so I promise that if I manage to post at all, there will be a much higher science to fundraising ratio. But before I shush up, I will remind you that the [geoblogger challenge](#) lasts all month, and the need for donations to fund science in the public schools [never goes away](#).



Highly Allochthonous Blog

http://scienceblogs.com/highlyallochthonous/2009/10/earth_science...php?utm_source=sbhomepage&utm_medium=link&utm_content=channellink

Category: [science education](#)

Posted on: October 13, 2009 7:02 AM, by [Anne Jefferson](#)



As part of [Earth Science Week](#) and as a diversion from the frantic lead-up to the [Geological Society of America meeting](#), we're helping push the [Geobloggers Giving Kids the Earth challenge](#). [As I announced yesterday](#), for every one of the five projects that I'll be highlighting this week that is fully funded by the end of the week, Chris or I will write a post on the earth science topic chosen by our readers. Yesterday, we had two generous donors help ensure that [Louisiana high school students got their water quality testing kits](#).




Sticking with the water theme for now, since after all Earth is 71% covered by salt water, let's turn our attention to an oceanography project that needs just \$213 of donor money to complete. "[How Salty is the Sea?](#)", is from a high poverty high school along the North Carolina coast. This project is a fantastic deal for donors, because the Bill and Melinda Gates Foundation is doubling our donations. The total cost for 5 refractometers and associated necessary charges is \$602, but between the foundation and previous donations, we only need to raise the [last \\$213](#). The enthusiastic teacher, pictured at left, writes:

We live in an area that is undergoing rapid change and development, all of which is not necessarily viable and good. One of the environmental tipping points of our area might just be the decline of the quality of the water that surrounds our community. As a teacher, I would like to facilitate the study of the water salinity that surrounds us, testing estuarine water, the sound and the ocean. I would like to provide my marine Science and/or Environmental Science students with refractometers that are easy to use but accurate. I would like for my students to test the salinity of the water at different sites around our school campus and community and at different times of the year. With the refractometers, we should be able to test the waters, then we can use the data to compare influences in our outcomes: Will weather be a factor? Will temperature affect salinity? Does depth affect the sample? How are organisms affected by salinity rates? Once all the data is collected, my students can research our findings and make our data analysis charts.


The concept of measuring salinity in sea water might strike some as overly simple, but as someone who teaches first year university students a course with a section on the ocean, I can tell you first-hand that the concept of salinity varying in space and time is completely new to most of my students. When I show a map like the one below and ask them to explain it, most struggle mightily.

Hometownlife.com

http://www.hometownlife.com/article/20100131/NEWS10/1310408/1027/news10/Shutterbug+wins++300

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Cassie Williams, an eighth-grade science student at Emerson Middle School, won second place in an International Photography Contest for Earth Science Week.


The focus of the contest was capturing earth science exploration around the world. Cassie's entry captured her brother studying the pond water in their grandparent's backyard.


Cassie will receive a check for \$300 for her award-winning entry and her photo will be featured on the International Year of Planet Earth and Earth Science Week websites. Cassie is in Jennifer Prouty's class.





Emerson Middle School student Cassie Williams won \$300 for this photo of her brother studying pond water in their grandparent's backyard.


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Celebrate Earth Science Week!

Since October 1998, the American Geological Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year's *Earth Science Week* will be held from October 11-17 and will celebrate the theme "Understanding Climate." **Take part in the following contests to celebrate Earth Science Week.**

- Photography Contest: OHow Climate Shapes My World
- Visual Arts Contest: OThe Climate Where I Live
- Essay Contest: OClimate Connections
- International Year of Planet Earth & Earth Science Week 2009 Photography Contest "Exploring Earth Science Around the World"



Earth Science Week 2009 Photography Contest -- Open to All Ages

The American Geological Society is sponsoring a photography contest to celebrate Earth Science Week 2009. Photographs should focus on the topic OHow Climate Shapes My World. The contest is open to any resident of the United States. Participants should submit a picture that best represents the climate in their area. Entries may be submitted electronically or by mail. Only one entry will be accepted per person. The deadline for submitting photos is Oct. 16, 2009.

- <http://www.earthsciweek.org/contests/photography/index.htm>

Earth Science Week 2009 Visual Arts Contest -- Open to Students in Grades K-5

The American Geological Society is sponsoring a visual arts contest to celebrate Earth Science Week 2009. Artwork should focus on the topic OThe Climate Where I Live. The contest is open to students in grades K-5 who are residents of the United States. Participants should submit an original two-dimensional visual arts project that best represents the climate in their area. Entries must be submitted by mail. The deadline for submitting entries is Oct. 16, 2009.

- <http://www.earthsciweek.org/contests/visualarts/index.htm>

Earth Science Week 2009 Essay Contest -- Open to Students in Grades 6-9

The American Geological Society is sponsoring an essay contest to celebrate Earth Science Week 2009. Essays should focus on the theme OClimate Connects. The contest is open to students in grades 6-9 who are residents of the United States. Participants should submit an original essay no more than 300 words in length, typed, and formatted to fit on one page. Entries may be submitted electronically or by mail. The deadline for submitting entries is Oct. 16, 2009.

- <http://www.earthsciweek.org/contests/essay/index.htm>

International Year of Planet Earth & Earth Science Week 2009 Photography Contest -- Open to All Ages

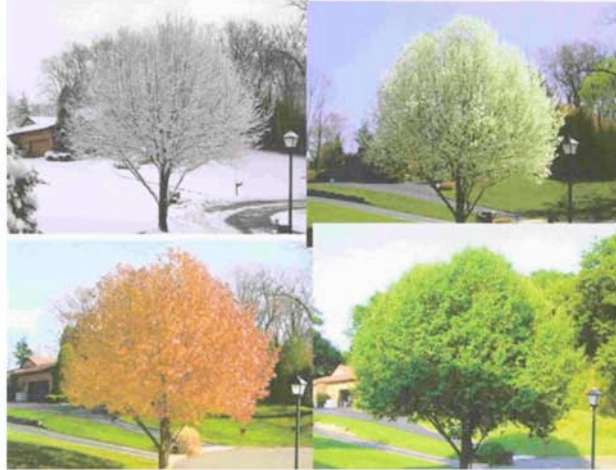
To celebrate the International Year of Planet Earth and Earth Science Week 2009, the American Geological Institute is sponsoring a major international photography contest. Photographs should focus on the topic OExploring Earth Science Around the World. The contest is open to anyone of any age from anywhere around the world. Entries must be submitted electronically. The deadline for submitting photos is Oct. 16, 2009.

- <http://www.earthsciweek.org/contests/ivpphotocontest/index.htm>

If you have any questions about any of these contests, please e-mail the [Earth Science Week](mailto:info@earthsciweek.org) staff at info@earthsciweek.org.

Huntington Public Schools

Huntington Freshman Earns National Science Photo Award



Ari Moskowitz, a Huntington High School freshman whose captivating four-photo collage documents the change of seasons in Huntington, has been chosen as a national finalist/runner-up in the Earth Science Week photo contest.

Mr. Moskowitz, who is a student in teacher Lori Pyzocha's honors biology class, is one of just four finalists in the nationwide competition that drew many impressive entries. This year's topic was "How Climate Shapes My World."

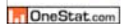
"We are proud of Ari for winning this award and for his great work," Ms. Pyzocha said. Participants were asked to submit a photo that best represents their hometown's climate for a mock travel brochure. "No matter where you are, your climate affects - and is affected by - air, water, land, and living things," states the contest rules. "Use your camera to get the best possible 'Climate Capture.'"

According to Earth Science Week, which is sponsored by the American Geological Institute, thousands of students participate in its events and photo contests each year.

Comments or Questions? [email the Public Information Office](#)



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Independentmail.com

<http://www.independentmail.com/news/2009/oct/15/geology-museum-celebrates-new-meteorite-exhibit/>

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CLEMSON UNIVERSITY — In celebration of Earth Science Week, the Bob Campbell Geology Museum will host an open house from 1 p.m. to 4 p.m. Sunday with tours of the museum at Clemson University and family activities to learn more about the earth. All the activities are free.

A new exhibit opens Sunday featuring meteorites from around South Carolina with explanations of how these space objects originate and how to spot them in the sky. The exhibit will help educate visitors about the Leonid meteor shower that occurs in mid-November.

At the open house visitors can bring in fossils or other treasures (limit four) and talk with museum curators who will be available to answer questions. Family activities include sieving for minerals and shark teeth, painting T-shirts with natural materials, face painting and more.

For more information, visit www.earthsciweek.org/.

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Missouri Governor Nixon Proclaims Earth Science Week

Monday, October 12, 2009 :: Staff infoZine

Gov. Jay Nixon declared the week of Oct. 11 through Oct. 17 as Earth Science Week to bring awareness to the fact that earth sciences are fundamental to the health, safety and welfare of all Missourians.



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www.GradSchools.com

Jefferson City, MO - infoZine - "Understanding Climate" was selected by the American Geological Institute as the theme of Earth Science Week 2009 to promote scientific understanding of a timely, vital topic: Earth's climate.

AGI hosts Earth Science Week in cooperation with the Missouri Department of Natural Resources' Division of Geology and Land Survey (DGLS) and other sponsors as a service to the public and the geoscience community. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, NASA, the National Park Service and other geoscience groups.

"We are pleased to partner with the American Geological Institute in this 11th year of celebrating Earth Science Week. We encourage people everywhere to explore the natural world and learn about the geosciences," said Joe Gillman, DGLS director and state geologist. "We especially enjoy working with educators to highlight the earth sciences as a career choice and demonstrate the environmental and economic benefits earth sciences bring to the state."

DGLS staff members are helping to spread science literacy to benefit Missourians by speaking to students in area classrooms and at outdoor venues during the week. Additionally, staff will answer citizen's questions about the geology of our state during Rolla's Downtown Arts and Crafts Festival on Sat., Oct. 24.

Geologists and land surveyors play important roles in society's use and protection of natural resources. The department has a long history of providing geology and land survey expertise to Missouri.

Several contests are under way during Earth Science Week and are open to U.S. residents of any age. They include two photography contests, a visual arts contest and an essay contest. Entries are being taken from across the nation, and the prizes are amazing.

Visit the Earth Science Week Web site for more information: www.earthsciweek.org
Visitors are welcome to tour the Ed Clark Museum of Missouri Geology, located in Rolla and open to the public from 8 a.m. to 5 p.m. weekdays. Additional information may be found on the division's Web site at dnr.mo.gov/geology.

Articles by date

◀◀ ◀ Oct ▶ ▶▶ 09

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Earth Science Week 2009: October 11-17

The American Geological Institute has announced the theme of Earth Science Week 2009, October 11-17, as "Understanding Climate". Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the geosciences. Information at earthscienceweek.org. Also at it partner, the USGS [education website](#), you will find Earth science topics - from natural resources and hazards to geospatial data - for students, educators, and members of the general public. Find these at the USGS education website. AGI is sponsoring three national [contests](#) for Earth Science Week 2009 that allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.

Inside KSC Website

<http://insideksc.com/showthread.php?t=7313>



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Earth Science Week 2009 Contests for K-12 Students ? Deadline October 16, 2009


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 **Earth Science Week 2009 Contests for K-12 Students ? Deadline October 16, 2009**

Earth Science Week 2009 Contests for K-12 Students ? Deadline October 16, 2009

Students may want to start work now on their entries for the Earth Science Week 2009 competitions in photography, visual arts and essay. The photography competition is also open to the general public. The deadline to enter is Oct. 16. First prize for each contest is \$300 and a copy of the American Geological Institute's two-disk [...]

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What's Up at Chabot: October to offer spooky space fun, new experiences

By Robert Ade Columnist

Posted: 10/08/2009 10:57:32 AM PDT

Updated: 10/08/2009 10:02:10 PM PDT

IT SEEMS EVERYONE, even at the busy White House in Washington, is getting into the spirit of this International Year of Astronomy. I want to lobby for more star parties at 1600 Pennsylvania Ave.!

Recent missions to the Moon in search of water and more great images from Hubble Space Telescope make me wonder what Galileo would think, 400 years after he turned his telescope to the night sky. Chabot is your link to everything astronomy and science related with plenty of activities for everyone.

Chabot's innovative Wee Wednesday program gets toddlers and preschoolers engaged in the world around them with a combination of instructor-led lessons and self-guided, hands-on experimentation and exploration.

Classes begin at 10 a.m., Oct. 14 and 21. Register by calling the Box Office at (510) 336-7373. The cost is \$12 for the first child and \$10 for each additional child. Members receive a discount, so become a member today! Parents must attend the entire class with their child.

Oct. 11-17 is National Earth Science Week so join Chabot and other Bay Area organizations in learning about the geosciences. On Oct. 17, 11 a.m.-4 p.m., we'll have some rockin' outdoor activities for all ages including panning for gold, building and racing solar Lego cars, and you can even touch a real meteorite from outer space! Activities are free with general admission.

Wear your Halloween costumes a day early and experience Chabot from a different vantage point on Oct. 30, 6-10 p.m. "Things That Go Bump in the Night" is the theme for Chabot's celebration.

Kids and adults can dance to live music from BandWorks School of Rock, or enter a costume contest, enjoy spooky beverages and views of the cosmos. Kids of all ages are welcome.

Tickets are \$20 adults, \$15 Students, and \$8 for Chabot members. Register today by calling the Box Office at 510-336-7373. Dinner is available in the Starlight Bistro for \$15 (reservations required). Or dine a la carte at our Celestial Cafe.

On Halloween, trick or treat at Chabot. Dress up as your favorite extraterrestrial or character and receive a treat! Drink some spooky punch and participate in hands-on sinister science activities. There will be Discovery Lab activities for tots with costumes, spooky read-alongs and much more. Fly a simulated space flight and experience some spooky space encounters in our Challenger Learning Center.

Register today for a seat on the space missions by calling the Box Office. Flight missions take off at 1 and 3 p.m. and are \$10 each or \$5 for Chabot members.

MORE HAPPENINGS: Chabot will debut a new full-dome digital planetarium show on Nov. 21, "Tales of the Maya Skies" is produced by Chabot Space & Science Center and narrated by Grammy Award winner and Oscar nominee Lila Downs. The show immerses you in the beauty of the "seventh wonder of the modern world," Mexico's Chichén Itzá. You'll hear the story of the ancient Maya civilization, weaving together the richness of Maya culture, stories, science and contributions to our way of life. To read more, visit www.mayaskeys.org.

Registration opens Oct. 14 for Chabot members for the 10th annual New Year's Eve Balloon Drop. This daytime event for kids is a worldly way to ring in the New Year as we drop balloons from our rotunda to coincide with New Year around the globe. Call 510-336-7373 for more information.

For a complete schedule, check our Web site at www.chabotspace.org. Expand someone's universe this fall at Chabot Space & Science Center.

Robert Ade can e reached at 510-336-7310 or rade@chabotspace.org

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October 06, 2009

Climatologist Sees Effect of Changes on Alaskan People

LINCOLN, Neb. — Climatologist Martha Shulski will present "Life on the Last Frontier: Impacts of a Changing Climate on the Alaskan Landscape" on Thursday, Oct. 15, at 7 p.m. in the Hardin Hall Auditorium, 33rd and Holdrege, as part of the Earth Science Week celebration at the University of Nebraska-Lincoln's School of Natural Resources.

Shulski, the new director of the High Plains Regional Climate Center, lived in Alaska for seven years, working with the Alaska Climate Research Center at the University of Alaska-Fairbanks. While her day-to-day environment was urban, her work took her into villages that were off the road system, accessible mainly by sea and air.

She will share photos and stories of how climate change is affecting the land, sea and people of Alaska. Small changes in temperature, or in sea ice, glaciers, or permafrost, can translate into big changes for people who live off the land.


At one point Shulski worked with an anthropologist to compare weather station data with the observations and experiences of indigenous people. "What's important to people on the ground were not changes I would have considered significant," she said. "The biggest changes, statistically, were in winter and spring. But what's important to people with a subsistence lifestyle is, are the moose where they should be during a three-week window in the fall."

They found that relatively small changes in climate patterns could have a tremendous impact on people's well-being and food supply.

And what does this mean for Nebraska? "If these changes are occurring in Alaska now, we could be seeing something of similar magnitude in the lower 48, down the line," Shulski said. "If temperature and precipitation patterns change here, our vegetation patterns could change as well."

As of August, when she relocated to Lincoln, this is the fourth time that Shulski has lived in Nebraska. In addition to intervals in Omaha and Nebraska City while growing up, she earned a master's in agricultural meteorology from UNL. Her doctorate is from the University of Minnesota, in soil science and climatology.

Other talks in the School's Fall Outreach Lecture Series include Stephen Vantassel, Oct. 27, on "Wildlife Damage Management: Problems and Prospects" (warning: includes graphic images of wildlife), and Roger Pabian, Nov. 10, on "Nebraska's Gemstones - Tiny Little Treasures."



Martha Shulski

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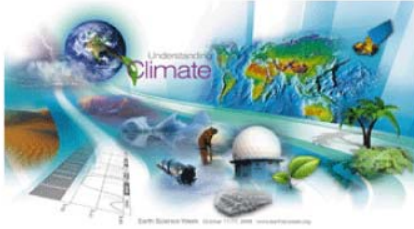
Happenings

October 27, 2009
[Expert Blends Practical and Ethical Views on Wildlife Control](#)

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International Action on Global Warming (IGLO)

<http://astc.org/iglo/2009/07/report-from-6th-world-conference-of-science-journalists-london-july-2009/>



IGLO invites you to explore The Earth Science Week 2009 (October 11-17) Toolkit, an example of validated material available through the American Geological Institute (AGI) to help students, teachers and the public to look at climate change through the geosciences under this year's theme "Understanding Climate." The 2009 Earth Science Week Toolkit contains a 12-month school activity calendar and classroom poster provided by AGI, its Member Societies and other organizations. Along with these traditional Earth Science Week publications, this year's Toolkit features a variety of educational climate resources from the U.S. Geological Survey (USGS), NASA, and the National Oceanic and Atmospheric Administration (NOAA). A report on the "Ecological Impacts of Climate Change" and a new brochure outlining principles for Earth Science literacy are also included.

Multimedia features this year include NASA's "Dynamic EARTH" DVD-ROM and a CD-ROM on GIS technology from ESRI. Additional informational materials within the kits include a National Wildlife Refuge System. Like years past, the 2009 Toolkit contains a genuine field notebook from Rite in the Rain.

These items and much more make the Earth Science Week Toolkit ideal for engaging students and the general public to explore the geosciences. The Toolkits are available for the cost of shipping and handling (\$6.95 in the United States). Bulk pricing available. To order, visit www.earthsciweek.org/materials.

Earth Science Week is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by AGI with support from a number of geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation. To learn more about this event, please visit www.earthsciweek.org.

Climate Change in the News

Intute: Health and Life Sciences

http://www.intute.ac.uk/healthandlifesciences/cgi-bin/pscomevents_full.pl?handle=20060725155110



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Title	Earth Science Week 2009
Description	Earth science Week has been organised by the American Geological Institute since October 1998. It is a national and international event to help the public gain a better understanding and appreciation for the earth sciences and encourage stewardship of the Earth. The Web Site for Earth science week contains more information on this year's theme; an events locator; a look at what went on during past Earth science weeks as well as related projects.
Keywords	North America; United States; Science - Exhibitions; Earth sciences
Website	http://www.earthsciweek.org/whatisesw/futurethemes.html
Start date	11 Oct 2009
End date	17 Oct 2009
Duration	1 week
Charging policy	See contact details below.
Contact name	Earth Science Week
Email	info@earthsciweek.org
Phone	-
Fax	-
Location	USA,

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Indiana University of Pennsylvania Geosciences

<http://www.iup.edu/geoscience/events/default.aspx?display=event&sDate=12/14/2008&eDate=12/14/2008&evHighlight=1069>

DEPARTMENT OF GEOSCIENCE

Events

These are current events in our department. Check back frequently to see what is going on!

Examples of what is included in our calendar:

- **Guest Speakers:** Geologists from academia and businesses share their experience and research
- **Fieldtrips:** Application of the knowledge students learn in the classroom to real world problems
- **Geoscience Club** (<http://www.iup.edu/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=21827>)
Meetings and Activities: A club run by the students in our department
- **National Earth Science Week** (<http://www.earthsciweek.org/>) (October)
- **Feast Before Finals** (December)
- **IUP Geoscience Day** (<http://www.iup.edu/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=26359>) (April)
- **Commencement** (December and April)

To submit an event, please contact our department by phone at 724-357-2379 or by e-mail at geoscience-info@iup.edu (<mailto:geoscience-info@iup.edu?subject=Seminar%20Info>).

Commencement (<http://www.iup.edu/commencement/default.aspx>)

Sunday, December 14, 2008

Get more information: [Commencement \(http://www.iup.edu/commencement/default.aspx\)](http://www.iup.edu/commencement/default.aspx)

Geoscience Department	Office Hours
Walsh Hall, Room 111	Monday through Friday
302 East Walk	7:30 a.m. – 12:00 p.m.
Indiana, PA 15705	1:00 p.m. - 4:00 p.m.
Phone: 724-357-2379	
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For a copy of the presentation on CD, please send an email — with your full address — to [Wesley Hill](#) .

IYPE & AGI Earth Science Week Photo Contest Winner 2008

Award Winning Photograph by Lutz Geissler, age 24, of Freiberg, Germany.
Caption: Geology student investigates mica schists in the Eastern Alps, Saulpe, Austria.



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International Year

Jaxza.com

<http://www.jaxza.com/global/science-week.html>

[Earth Science Week](#)

Earth science education event in October of each year. Web site features educational activities, geology questions and answers, and links to other geologic education resources.

Joides Resolution Webpage

<http://joidesresolution.org/node/746>

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Sharon Katz-Cooper

Steve Hovan

Tatsuhiko Sakamoto

Thomas Gorgas

Tominaga

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William Hurd Finnegan

Zuzanna Stroynowski

Hooray for Earth Science Week!

Submitted by Leslie Peart on Wed, 10/14/2009 - 16:24

Happy Earth Science Week! 😊

As I write this, Sharon is on her way to the **Smithsonian's Sant Ocean Hall** where she'll work with Ocean Hall educator Elizabeth Ban and current JOIDES Resolution education officer Nasseer Idrisi to facilitate a special Earth Science Week video broadcast. I'll join them when I'm done here.

What have you done to celebrate Earth Science Week? Here are a few suggestions:

1) Check out the Earth Science Week **website and newsletter**. Better yet, sign up to receive the newsletter.

2) Participate or get your students to participate in the **JaRt Contest**.

3) See **where** the JOIDES Resolution is and **what she's doing today**. Submit **questions or comments** for the scientists and staff on the vessel!

4) Do you Tweet? Do you have a Facebook page? If so, then follow the JR on Twitter or fan the JR's Facebook page. We've got 977 fans now. Can you and your friends make it an even 1000 by the end of Earth Science Week?

5) If you're a teacher, arrange a video conference during one of the upcoming expeditions! Nasseer is pretty busy with them now — in fact, he's got two today, including one with Patti Cleary, School of Rock 2009. How do you go about video conferencing? Drop us a line using the comment function below and we'll get you started (first come, first served — you'll need about a month to prepare). And say a word of thanks to the good folks at IOCOM for providing the software and technical support to make our video broadcasts possible. It's an official partnership now and by the end of this expedition we'll have more than 30 broadcasts under our belts!

6) Teachers and museum educators can also consider **submitting an abstract** to our session at the Ocean Sciences meeting. It's ED03: Using the Internet in Real Time Ocean Research for Education and Outreach. Here's the description: This session will explore examples and lessons learned on the use of expedition and research project web sites and internet tools to engage and involve students and teachers in real time ocean research. Live ship-to-shore or site-to-classroom video conferences, daily updates to cell phones and mobile devices, Ask-a-Scientist capabilities and much more are allowing students to become intimately involved in ongoing research at sea. Come explore successes and challenges in this ever-more-connected and digital world.

The abstract deadline is Thursday, October 15, 2009, so get moving...

7) Talk to someone new about IODP and the JR! Tell your colleagues, friends, and family **how to order posters, video and activities**.

8) Make a model of the JR! **Marine Computer Specialist Mike Hodge can show you how**.

9) Play the **microfossil game** or test your knowledge with **JR-Parody**. Can you beat my best microfossil score — 38,000?

Yikes, got to run!

Leslie on behalf of Sharon and Jen and all the volunteer teachers and scientists at Deep Earth Academy

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Kentucky Geological Survey

<http://www.uky.edu/KGS/education/activities.htm>

- [Earth Science World](#), American Geological Institute (AGI). This organization is a nonprofit federation of 34 geoscientific and professional associations. AGI sponsors Earth Science Week (the second week of October annually), and provides ideas and information for participation in [Earth Science Week](#). Under the option, Request a Kit, you can order a free packet with posters and bookmarks for organizing Earth Science Week activities locally. Earth Science World also has on-line K-12 activities and lessons. At [AGI's home page](#) there is a separate education section with an information clearing house, curriculum designed by AGI members with funding from the National Science Foundation, an earth science source book, and ideas for developing local earth science in the community projects.

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Title: Earth Science Week

URL: <http://www.earthsciweek.org/>

Description: "Understanding Climate," the theme of Earth Science Week 2009, will promote scientific understanding of a timely, vital topic: Earth's climate.

Category: Science & Technology: Earth Sciences

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Governor Strickland, ODNR encourage celebration of Earth Science Week

Ohio Governor Ted Strickland has declared October 11-17, 2009, as *Earth Science Week* to help raise awareness of how earth sciences impact Ohioans' daily lives and to stimulate interest in related fields of scientific study. The governor's proclamation is in conjunction with *National Earth Science Week*.

"Governor Strickland recognizes that earth sciences, including geology, are vital to the development and conservation of water, minerals and energy resources," said Ohio Department of Natural Resources (ODNR) Division of Geological Survey Chief *Larry Wickstrom*. "The more we can learn about and understand earth sciences the more capable we will be to maintain a balance as we interact with our planet and its resources."

The Earth Science Week proclamation also encourages Ohio science educators to undertake lessons and activities with their students directed toward the study of earth sciences. Teachers can use resources available at www.ohiodnr.com/geosurvey to supplement their teaching plans, including the division's [Compilation of Planning Resources for Geologic Field Trips in Ohio](#).

It lists locations such as waterfalls, caves and caverns by geologic age and feature type. The downloadable publication contains more than 120 web links to other free resources about special geological features and locations in Ohio.

Several earth science events will be held throughout the state to celebrate Earth Science Week. For example, the Ohio Statehouse in Columbus will conduct a fossil tour on October 16; *Boonshoft Museum of Discovery* in Dayton will host a series of Earth Science Week events from October 11-17 and the *Cleveland Museum of Natural History* will celebrate Earth Science Day on October 17.

Toledo's new *The Imagination Station* will be open in time for Earth Science Week—it is set to open Oct. 10. When it does, admission prices for visitors 13 and older will be \$8.50, while kids ages 3-12 will pay \$6.50, seniors 60 and older will pay \$7.50, and children 2 and under will be free.

Staff of the ODNR Division of Geological Survey also will participate in the *Annual Earth Science Day* at Highbanks Metro Park in Lewis Center on October 11 from 1 to 4 p.m.

Earth Science Week is a national event sponsored by the *American Geological Institute*, which produces education tool kits for earth science teachers and promotes geoscience research on topics such as how polar ecosystems affect oceans and the atmosphere.

More details about Earth Science Week events and the field trip report are available by clicking on the Earth Science Week link at www.ohiodnr.com

The Ohio Department of Natural Resources ensures a balance between wise use and protection of our natural resources for the benefit of all. Visit the ODNR web site at www.ohiodnr.com





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Lafayette Geological Society
Lafayette, LA
<http://www.lgsweb.org/index.html>

[Deep Water Turbidites in the Ouachita Mountains](#)

LGS Fieldtrip

[Paleozoic Rocks, Southeastern Ouachita Mountains](#)

LGS Fieldtrip

[Edwards Group of West Texas](#)

LGS Fieldtrip

[Cote Blanche Salt Dome](#)

LGS Fieldtrip

[Wax Lake Delta Systems, LA](#)

LGS Fieldtrip

[Cheniére Plain Fieldtrip, LA](#)

LGS Fieldtrip

LINKS

[A.A.P.G.](#)

[A.P.I. - Teche Chapter](#)

[BATON ROUGE GEOLOGICAL SOCIETY](#)

[BUREAU OF ECONOMIC GEOLOGY: University of Texas at Austin](#)

[CENTER FOR ENERGY STUDIES, LSU](#)

Includes Monthly Oil and Gas Prices and Spot Market Prices.

[EARTH SCIENCE WEEK](#)

[GULF COAST ASSOCIATION of GEOLOGICAL SOCIETIES](#)

The Gulf Coast regional organization of the American Association of Petroleum Geologists (AAPG).

[HOUSTON GEOLOGICAL SOCIETY](#)

[LOUISIANA GEOLOGICAL SURVEY](#)

[LOUISIANA OIL & GAS ASSOCIATION - LOGA](#)

[LOUISIANA SONRIS LITE](#)

[NEW ORLEANS GEOLOGICAL SOCIETY](#)

[PETROLEUM TECHNOLOGY TRANSFER COUNCIL - PTTG](#)

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E&P News, Career Center, O&G Directory, Rig Data, Bookstore, More.

[SEPM \(Society for Sedimentary Geology\)](#)

[SHREVEPORT GEOLOGICAL SOCIETY](#)

Host of the 59th Annual GCAGS Convention.

kmunson@prizepetroleumllc.com

• June 21 - 24, 2009 - [The 50th annual SPWLA Symposium](#) will be held at the Woodlands Waterway Hotel and Conference Center in The Woodlands, TX.

• September 9, 2009 - [59th Annual GCAGS Convention](#), Shreveport, Louisiana. [CALL FOR PAPERS, Abstract Submissions, Instructions for Authors.](#)

~ Gary Hanson - Program Chairman GCAGS 2009 - gary.hanson@lsus.edu - 318-458-6753

~ David Hart - Oral Session Chairman GCAGS 2009 - wdhart@bluebirdwireless.com - 318-703-3658

• November 12, 2009 - [Southeastern Geophysical Society's Technical Symposium](#). Also, [Information, Call for Papers, Call for Sponsors.](#)

~ Eric Zimmermann, First VP of the Southeastern Geophysical Society in New Orleans

[APPLICATION FOR LAFAYETTE GEOLOGICAL SOCIETY FACULTY RESEARCH GRANT.](#)

• [APPLICATION FOR THE JACK SHIRLEY MEMORIAL SIPES SCHOLARSHIP, LAFAYETTE CHAPTER.](#) Notice that the deadline is fast approaching. (Give the .doc a few moments to open.)

~ James D. Gamble, SIPES

• MAPS TO SCHOOLS Project

• - [Corpus Christi Geological Society](#) - "GoogleEarth map with all of the Maps in Schools listed in a spreadsheet and on GoogleEarth"

~ Owen Hopkins, Corpus Christi Geological Society

• - have maps, need teachers - contact Tim Bennett at lgsmaps@yahoo.com.

• [Complete Gulf Coast Association of Geological Societies TRANSACTIONS since 1951](#) are now available on a single DVD - 

~ Brian Lock, University of Louisiana at Lafayette, GCAGS Publicity Chairman

• LGS Publications can now be ordered from the [AAPG \(complete set on CD-ROM\)](#) and from the [Bureau of Economic Geology](#), University of Texas at Austin!

• [LGS 2008-2009 Bulletin and Website Advertising.](#) - 
~ Jill Willis, Advertisements

LUNCHEON CALENDAR

• **SECOND MONDAY**
[Teche Chapter, API.](#) Lafayette Petroleum Club. 11:30 a.m.

• **SECOND MONDAY**
[NOGS luncheon.](#)

• **SECOND TUESDAY**
[SWLGS luncheon.](#) Lafayette Petroleum Club. 11:30 a.m.

• **SECOND TUESDAY**
[SPE luncheon.](#) Lafayette Petroleum Club. 11:30 a.m.

• **SECOND WEDNESDAY**
[SIPES luncheon.](#) Lafayette Petroleum Club. Downstairs. 11:30 a.m. - Contact [James Gamble](#) for information - 337-237-7788.

• **SECOND THURSDAY**
[SPWLA luncheon.](#) Lafayette Petroleum Club. 11:30 a.m.
SPWLA luncheon speakers:
- Sept 11th 2008 - Paul Boonen (Pathfinder/SII) : Advances in LWD Neutron Logs
- Oct 9th 2008 - Alan Cohen, PhD., (U.L.L.) : Empirical Relations

Laughing Crow Curriculum Website

<http://www.laughingcrowcurriculum.com/crowtalk.php>
Seattle, Washington

Friday, June 12, 2009

National Get Outdoors Day is June 13th



This annual event, to encourage healthy, active outdoor fun, will offer opportunities for American families to experience traditional and non-traditional types of outdoor activities.

For more information, click [here](#).

How will you celebrate National Get Outdoors Day? I plan to Get Outdoors by taking a ride on the historic Snoqualmie Valley Railroad, visiting Snoqualmie Falls, and walking one of my favorite nature trails near Snoqualmie Pass.

From: NAEE Newsletter

POSTED BY KRISTEN BERGSMAN AT [10:43 AM](#) | [0 COMMENTS](#)

Tuesday, June 09, 2009

Earth Science Contest (K-9)

Students may want to start work now on their entries for the Earth Science Week 2009 competitions in photography, visual arts and essay. The photography competitions is also open to the general public. The deadline to enter is Oct. 16. First prize for each contest is \$300 and a copy of the American Geological Institute's two-disk DVD package, Faces of Earth. For more information, visit [here](#).

From: NASA Space Consortium Newsletter

POSTED BY KRISTEN BERGSMAN AT [1:06 PM](#) | [0 COMMENTS](#)

League of Environmental Educators in Florida

<http://www.leef-florida.org/core/item/page.aspx?s=82861.0.0.37432>



Earth Science Week Contests

AGI is sponsoring three national contests for [Earth Science Week 2009](#). The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.

Photography Contest (open to all ages)

"How Climate Shapes My World"

If you were putting together a travel brochure about your local area, what image would best represent your climate? No matter where you are, your climate affects - and is affected by - air, water, land, and living things. Use your camera to get the best possible "Climate Capture," and submit it to this year's Earth Science Week Photo Contest.



Visual Arts Contest (students in grades K-5)

"The Climate Where I Live"

What is the climate like where you live? And what was the climate like in your area thousands of years ago? You will need to talk with your teacher to find out about the long-term weather patterns that have made up your area's climate. In your poster, show the typical climate where you live now and how it was 100,000 years ago.

Essay Contest (students in grades 6-9)

"Climate Connections"

Earth science is all about the interactions among Earth's systems: geosphere, hydrosphere, atmosphere, and biosphere. These systems work together to produce Earth's various climatic regions. Write an essay exploring the ways climate interacts with Earth's systems in your area. What impact does climate have on each system? How do these systems influence climate?

The first-place prize for each contest is \$300 and a copy of AGI's "Faces of Earth" 2-DVD package.

All entries are due by the Friday of Earth Science Week, Oct. 16, 2009.

[Complete Details](#)

Looking For Detachment Blog

<http://highway8a.blogspot.com/2009/10/earth-science-week-2009.html>

Looking For Detachment

"...reality can be attained only by someone who is detached." - Simone Weil

MONDAY, OCTOBER 12, 2009

Earth Science Week 2009



Earth Science Week started yesterday, and I noticed that not a single thing is listed under "What's Going On" for the [entire state of Nevada](#). (I also noticed in general that much of the Earth Science Week website is still focused on 2008, with many links either broken or linking to events and sites from last year.)

Actually, I've been a little bamboozled by Earth Science Week this year. It almost always overlaps with the Annual GSA meeting, which is of no concern to me in years when I don't go.

This year, however, I am going, so I inconveniently didn't plan anything for Earth Science Week.

I belatedly noticed that the [Nevada Bureau of Mines and Geology](#) (NBMG) scheduled their Earth Science Week field trips for this last weekend, meaning that the field trips ran on Saturday and Sunday, October 10th and 11th. And I missed out! I have gone on these field trips on more than one occasion, and have found them enjoyable. They are open to the public, and kids, families, and school teachers are especially welcome. Local geologists from the [Geological Society of Nevada](#) (GSN), accompany the trip as informal field trip guides to help answer questions (and to learn more about new areas they might not have visited).

This year's field trip was called "[Digging Deeper into the Comstock](#)."

Highway 8A



Sign near the junction of old Highway 8A and Highway 50, near Austin, Nevada (now S.R. 305 going north to Battle Mountain and S.R. 376 going south to Tonopah).

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About Me




Silver Fox

Silver Fox: fifty-something
exploration geologist working




Lori Calabrese Writes!



Home > Children's Book News > Celebrate Earth science week

Celebrate Earth science week

Monday, October 05, 2009 Posted by Lori Calabrese



Earth Science covers all of the sciences related to the planet Earth. Even though children might cringe when they hear the term, it's important as ever to teach children the importance of taking care of Earth. To get children excited about Earth Science, celebrate **Earth Science Week**, held from October 11th-17th. Since October 1998, the American Geological Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year's **Earth Science Week** will celebrate the theme "Understanding Climate."

Click on the following links to see the many ways that everyone can participate in Earth Science Week!

Mission and Theme:
Check out the Earth Science Week mission and objectives.


Events Near You:
Find Earth Science Week events in your community.

■ **Earth Science Week Newsletter:**
Read the Earth Science week newsletter.

- **Past Earth Science Week Highlights:**
Look at what went on during past Earth Science Weeks.
- **Order an Earth Science Week Toolkit!**
- **Participate in the Earth Science Week 2009 contests.**


Books to celebrate Earth Science Week:

Baby-Preschool:
Think you can't teach babies about weather? Think again. In the board book, **Kipper's Book of Weather: Kipper Concept Books**, the fun illustrations expose children to wind, sunshine, fog, and hail. Each page has only one word on it, making it a good tool to teach early reading skills.




Mick Inkpen


Ages 4-8:
What's The Weather? (Little Secrets (Quality)) by Scholastic makes learning about weather fun. With lift-the-flaps, pull-tabs, foil, and glitter, WHAT'S THE WEATHER is a wonderfully fun book that explains what weather is and what causes it to change. Discover facts about where rain comes from, what snowflakes really are, and the truth about thunder and lightning! The rhythmic text, graphic artwork, and interactive novelty elements carry readers from page to page, introducing all sorts of questions, and allowing readers to discover the answers.



Ages 9-12:
Bodies from the Ice: Melting Glaciers and the Recovery of the Past by James M. Deen delves into glaciers, global warming, and yes, frozen bodies! This is a very unique book in that it takes a look at something you wouldn't normally think of when it comes to global warming—how many frozen bodies have been found in the melting ice.

Young Adult:
We've all heard of global warming, but how many of us really know the facts behind it all? When our weather changes, how can we really tell that the Earth's climate is changing? What I love about **How We Know What We Know About Our Changing Climate: Scientists and Kids Explore Global Warming (About Our Changing Climate)** by Lynne Cherry is that it presents all the evidence—evidence from flowers, butterflies, birds, frogs, trees, glaciers and much more gathered by scientists around the world. This non-scary (let's admit it- the whole global warming thing can be a little frightening) book is action-oriented, and is an inspiring look at how scientists do their work, what they're discovering about global warming and how kids really can make a difference.





Nonfiction Monday takes place at various wonderful blogs throughout the Kidlitosphere! Today, you can check out the Roundup at **Moms Inspire Learning**. If you'd like to see the schedule for Nonfiction Monday, please visit Anastasia Suen's **Picture Book of the Day**.

LINKS to Web SITES in the EARTH SCIENCES & NATURAL SCIENCES



MENUS, Start Here:

[LCC Natural Sciences Web Pages:](#) [LCC Earth Sciences Courses Web Pages:](#)

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- [Google - Search Engine](#)
- [LCC LPL Library Catalog](#)
- [Today@LCC](#)
- [ANGEL](#)

Click on the following links to learn more about Earth and the Earth Sciences. The following links have new images and or data every week, or in some cases, every day. Check them often.

- [Astronomy Picture of the Day](#) APOD - Great site!
- [ASTER's Remote Sensing Image Gallery](#)
- [Current World Seismicity](#) USGS
 - [All Earthquake List for World](#)
 - [USGS Earthquake Hazards Program-Home](#)
 - [PNSN - Webicorder Records](#)
 - [UUS Webicorder \(Seismogram\) Displays, Yellowstone Region](#)
 - [Earthquake Information for Washington](#) USGS
 - [06-14-05 Magnitude 7 Earthquake, offshore N. California](#)
- [Earth Observatory \(NASA\)](#) - Lots of great information & images!
- [HVO Kilauea Status Page](#)
 - [Volcano Watch - Current issue - HVO](#)
- [LCC Earth Science Image of the Week](#)
- [MODIS Home Page](#)
 - [MODIS Rapid Response System](#)
- [Mount St. Helens VolcanoCam](#) USFS
 - [Mount St. Helens - Current Update \(CVO\)](#)
 - [CVO Menu - Mount St. Helens - Eruption 2004, 2005](#)
 - [CVO Photo Archives - Mount St. Helens - 2005 Current Images](#)
 - [Mount St. Helens Notice of Volcanic Unrest - Current Updates](#)
- [MISR Home Page](#)
- [National Weather Service - NWS Portland](#)
 - [NWS - Longview Forecast](#)

Mackay Rockhounds Blog

<http://mackayrockhounds.wordpress.com/2009/09/30/nbm-g-earth-science-week-public-field-trip/>

[Mackay Rockhounds](#)

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- [Agenda](#)
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[NBMG Earth Science Week public field trip](#)

30 09 2009

DD Lapointe wanted to let us know that there is an upcoming Earth Science Week public field trip that NBMG is putting on – a one-day trip offered on Saturday Oct 10 and repeated on Sunday Oct. 11. This year it will be “Digging Deeper into the Comstock”

It will end up at Virginia City after a few stops in Huffaker Hills & along Geiger Grade to look at volcanic rocks in various states of alteration. Please note that it is geared for the public – very non-technical – an attempt to educate “the folks” about some of the processes that can turn plain old volcanic rocks into a minable deposit.

The full description and sign-up form are online at:
http://www.nbm-g.unr.edu/ESW/ESW_09/index.html

They ask that all who plan to come sign up so we can plan parking and logistics accordingly.

« [Elko Trip has been changed to Lee Vining/ Mammoth/ Yosemite trip Epic Adventure Trip Itinerary](#) »

magazine

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portal:
News Blog

[« Back to NEWS Overview page...](#)

News from our National Parks OCTOBER 2009

October events Events in our National Parks, Memorials, National Historical Sites, etc.

– Alabama –

Natchez Trace Parkway Hosts Meriwether Lewis Arts and Craft Festival (Alabama, Mississippi, Tennessee)
– The parkway will host the annual Meriwether Lewis Arts and Craft Festival at the Meriwether Lewis Monument Site (Mile Post 385.9). The festival is sponsored by the Maury County Arts Guild and will take place on October 10 and 11 from 9 a.m. until 5 p.m. Visitors can shop for traditional arts and crafts, and National Park Service staff will be available to answer questions and present formal programs on the life of Meriwether Lewis. Programs will be offered at 10 a.m., 11 a.m., 12 p.m., 1 p.m., and 2 p.m. each day. Eastern National's bookstore will be open in the log cabin and will offer educational materials on the parkway and Meriwether Lewis. Parking and admission are free. Parking is available at the Meriwether Lewis Site, and overflow parking is in specified areas on Highway 20. Shuttle vans will be provided to help transport visitors to and from parking areas. For more information, please contact staff at the visitor center at 662/680-4027. Web: <http://www.nps.gov/natr/>

– Arizona –

Grand Canyon National Park to Celebrate Earth Science Week
(Arizona) — Grand Canyon National Park will celebrate Earth Science Week by offering a variety of special programs and activities during the week of October 11 to 17. Special ranger programs on the park's geology and other earth-science topics will be offered, and exhibit panels from "Mapping the Canyon," an exhibit developed by Grand Canyon Association, will be on display in the lobby of the park's headquarters. The week's events will culminate in a special geology field trip on Desert View Drive led by research geologist George Billingsley of the U.S. Geological Survey on Saturday, October 17. To learn more about Earth Science Week at Grand Canyon National Park, please visit <http://www.nps.gov/grca/planyourvisit/earth-sci-week.htm>.
// Related information: [Arizona & Grand Canyon Travel Info](#)

– California –

Spirit of the Mountains Photo Contest
(California) — From October 1 to October 31, the Santa Monica Mountains National Recreation Area will accept submissions of digital and print photographs for its annual Spirit of the Mountains photo contest. Amateur photographers can submit photographs in a number of categories. This contest has inspired many regional amateur photographers from the Southern California area to explore and discover new special places within the Santa Monica Mountains. One past winner reflected, "Even though the Santa Monica Mountains National Recreation Area is very close to a well-populated, urban environment, there are many places—especially on foggy days like this—where you feel like you are thousands of miles away from the hustle and bustle of the city, where you're more likely to see a deer or coyote than another person." For information on past winners and for directions on how to get involved in the contest, please see <http://www.researchlearningcenter.com/samo/photo/>.
"Manzanar: Light and Shadows" Showcases Contemporary Photos by Tom Clayton
(California) — At nearly any event or program at Manzanar, you may see volunteer Tom Clayton capturing the moment for posterity. Since 2003, Tom and his wife, Mary Lou, have volunteered at Manzanar National Historic Site. Tom has taken more than a thousand photos of key moments and milestones at Manzanar. His photos have captured the restoration of the camp auditorium, the reconstruction of Guard Tower #8, numerous archeological digs, and dozens of special programs and events, including the annual Manzanar Pilgrimage. In addition to recording the changing character of this site, Tom also volunteered to photograph the pre- and post-war works of Manzanar's master stonemason Ryoza Kado in Los Angeles.
From October 1 through December 2, 43 of Tom's photos will be on exhibit on the stage of the Manzanar Interpretive Center. The interpretive center is open daily from 9 a.m. until 5:30 p.m. through October 31 and 9 a.m. to 4:30 p.m. daily thereafter. Web: <http://www.nps.gov/manz/>

– Colorado –

Fur Trade Encampment at Bent's Old Fort National Historic Site
(Colorado) — The park's main occasion for living history again takes place in the fall. This year's event, on October 10, celebrates the traders, trappers, and tribes that participated in the fur trade at Bent's Fort.
Their camps, set up near the fort, will be open for touring. All together, over 50 living-history volunteers bring the past back to life during this major event. Web: <http://www.nps.gov/beof/>

– Iowa –

Artist Patricia Rottino Cummins at Herbert Hoover National Historic Site
(Iowa) — Painter Patricia Rottino Cummins will be the Artist-in-Residence at Herbert Hoover National Historic Site from October 17 to 24. Ms. Cummins will be available to discuss her artwork with park visitors during her residency. Her hours may vary, so please call ahead. On Saturday, October 24, Ms. Cummins will give a presentation. This free program starts at 10 a.m. at the visitor center. Ms. Cummins has been an art educator for over 30 years in Miami Dade public schools. Her works of art are inspired by local landscapes, as well as by the vistas she has seen and photographed during her many travels and National Park residencies. Web: <http://www.nps.gov/heho/>

– Louisiana –

"Schoolboat" Tours
(Louisiana) — At Jean Lafitte National Historical Park and Preserve, admission to all sites is free. At the Acadian Cultural Center, located at 501 Fisher Road in Lafayette and able to be reached at 337/232-0789, explore Bayou Vermilion on an old-time "schoolboat" with a National Park Service ranger. Boat tours cast off Tuesday through Saturday at 10:30 a.m. now through November 28. Call for tour prices and reservations. More information is available at www.nps.gov/jela.

Magma Cum Laude Blog

<http://magmacumlaude.blogspot.com/2009/09/accretionary-wedge-21-call-for-posts.html>



MAGMA CUM LAUDE

In search of hot rocks since 1985.

FRIDAY, SEPTEMBER 25, 2009

Accretionary Wedge #21: Call for posts

The 20th edition of the Accretionary Wedge is up at Dave Bressan's [cryology and co.](#) There are some neat speculations about unsolved mysteries in geoscience - go check it out! (And even if you're a bit late, you can probably sneak another entry or two in there.)

Which brings us to the next topic of interest: October's Accretionary Wedge (#21), which will be hosted here. October is a big month for Earth science this year - not only is the [Annual National GSA meeting](#) happening in Portland from October 18-22, but it's also the month of [Earth Science Week](#) (October 11-17). In other words, it's a month for sharing knowledge about the Earth (something that we geobloggers do a lot).



A lot of our time revolves around professional and academic concerns, but it's a good idea not to forget the outreach - after all, if people who aren't our students or colleagues don't know why Earth science is important, where does that leave us? So here's your question for October:

ABOUT ME



TUFF COOKIE
BUFFALO, NEW YORK,
UNITED STATES

(AKA Jessica, Jess, or - occasionally - "You want to do WHAT for a living?") I'm a geologist with a passion for volcanoes, writing and passionfruit. I'm a grad student at SUNY Buffalo, where I'm learning how to safely and productively play with very hot rocks. Occasionally I impersonate a normal human being, but it isn't as fun.

Follow me on [Twitter](#).

[VIEW MY COMPLETE PROFILE](#)

Magma Cum Laude Blog

<http://marmacumlaude.blogspot.com/2009/10/looking-for-something-to-do-for-earth.html>

Share Report Abuse Next Blog»



FRIDAY, OCTOBER 2, 2009

Looking for something to do for Earth Science Week?

Even if you can't give your time to sponsor an event for Earth Science Week this year, you can help people realize the importance of Earth science by giving a little bit of your money. (For instance, I'm swamped with coursework and research and totally unlikely to pull together any event bigger than a Facebook post, but at least this way I can help someone else with an Earth science project!)



Every year, ScienceBlogs sponsors a donation drive with DonorsChoose.org to help bring science to classrooms in financially struggling US schools. This year, Kim Hannula of All of My Faults Are Stress Related, Anne Jefferson of Highly Allocthonous, and Erik Klemetti of Eruptions have put together a [geoscience-related donations page](#) where you can sponsor a school project for students around the country to learn about the Earth. There are a number of different projects to choose from, ranging from soil science to weather to hydrology to seismology. (In particular, there's a [group in Washington](#) that needs to raise money for soil testing kits to go with a guest speaker's presentation, and they only have ten days left!)

This is a great way to make sure that Earth science outreach and learning happen in schools that are struggling to make ends meet. I'm definitely going to donate what I can, and I hope that all of you will think about doing the same!

POSTED BY TUFF COOKIE AT 9:30 AM 

LABELS: [EARTH SCIENCE WEEK](#), [MONEY](#), [OUTREACH](#), [TEACHING](#)

3 COMMENTS:

 **Kim** said...
Thanks for helping to spread the word, Jess!
OCTOBER 2, 2009 10:00 AM

 **Silver Fox** said...
A great idea, especially since I won't be involved in any outreach field trips this year.
OCTOBER 3, 2009 10:02 AM

 **Jeff** said...



ABOUT ME
TUFF COOKIE
BUFFALO, NEW YORK,
UNITED STATES
(AKA Jessica, Jess, or - occasionally - "You want to do WHAT for a living?") I'm a geologist with a passion for volcanoes, writing and passionfruit. I'm a grad student at SUNY Buffalo, where I'm learning how to safely and productively play with very hot rocks. Occasionally I impersonate a normal human being, but it isn't as fun.
Follow me on [Twitter](#).
[VIEW MY COMPLETE PROFILE](#)

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Marcia Krech Twitter

<https://m.twitter.com/mjkrech>



mjkrech Vote for your favorite NASA Photo of the last 10 years. Deadline: Apr. 29th.

<http://tinyurl.com/dzqlsb> 11:59 AM Apr 19th

Previous Updates

Online Graduate Courses for Earth Science Educators: <http://www.k5geosource.org/...> 11:53 AM Apr 19th

Plant an Ozone Monitoring Garden! <http://tinyurl.com/dzplyv> 7:23 AM Apr 17th

Click here to see if your state has a Roadside Geology Guide: <http://tinyurl.com/cxpfl4> 6:41 AM Apr 17th

Nice printable timescales from geology.com: <http://geology.com/time.htm> 6:22 AM Apr 17th

Very KEWL playground earthquake simulation: <http://tinyurl.com/d5de2u> 6:14 AM Apr 17th

Next Weds. is Earth Day! What do you have planned for the day? <http://www.earthsciweek.org...> 6:12 AM Apr 17th

RT @mlipold: Wednesday - trying Marcia's cut and paste notetaking method! Wish me luck. 4:12 AM Apr 17th

RT @5thgradescience: Rock practical on Monday to identify 13 different rocks: name it, is it I, S, or M, and how was it formed 4:13 AM Apr 15th

Go here for 171-slide Yahoo Slideshow on Italy's Earthquake: <http://tinyurl.com/debf5n> 2:25 PM Apr 6th

Around the World in 80 Telescopes: April 2-5, 2009. 24 hr long webcast:

<http://www.100hoursofastron...> 1:09 PM Apr 3rd

USGS Podcasts: What a great way to start the day! Bellwork video podcasts on Science:

<http://www.usgs.gov/corecast/> WONDERFUL! 5:55 AM Apr 3rd

This has GOT to be the kewlest picture of a thunderstorm I've ever see! <http://tinyurl.com/d6s378> 8:51 AM Apr 1st

I'm still not sure about that East Coast FIRE IN THE SKY event! Put this [east coast fireball 2009] in Google and see for yourself! 8:49 AM Apr 1st

Earth Science Week 2009 is October 12 - 18. Not too early to start planning!

<http://www.earthsciweek.org/> 8:43 AM Apr 1st

Great Redoubt Webcam today: <http://tinyurl.com/aqw9xn> 9:22 AM Mar 31st

Great North Dakota Flooding video. Loud music but good film. Show to students as bell? Make 5 observations. <http://tinyurl.com/dcxje4> 9:19 AM Mar 30th

Tornadoes Activity: <http://tinyurl.com/cy7mz2> 8:31 PM Mar 29th

Another Google Earth Download: Cryosphere: See Glaciers of the World! <http://tinyurl.com/bu78xs> 5:22 PM Mar 26th

Google Earth is absolutely amazing! Your students deserve to see the world from this vantage point! <http://tinyurl.com/33smfj> 5:13 PM Mar 26th

[Older 6](#)

About mjkrech

Marcia Krech, Missouri

I'm a retired high school Earth Science teacher who believes in passing on what I've learned about

Marcia's Science Teaching Blog

<http://scienceteachingideas.blogspot.com/2009/09/blog-post.html>

MARCIA'S SCIENCE TEACHING BLOG

IF YOU ARE LOOKING FOR REALLY GREAT ACTIVE LEARNING IDEAS
FOR YOUR SCIENCE CLASSROOM, STOP BY HERE FOR A WHILE!

WEDNESDAY, SEPTEMBER 02, 2009

Get Ready for Earth Science Week!



With school starting, now is the time to start planning for Earth Science Week which will be observed this year between October 12th and 17th, sponsored by the American Geological Institute.

The theme is *Understanding Climate* and you can learn more at their website.

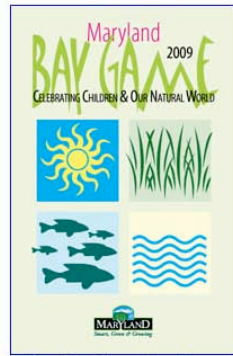
POSTED BY: AU KRECH AT: WEDNESDAY, SEPTEMBER 02, 2009



LABELS: EARTH SCIENCE

Maryland Department of Natural Resources

[http://www.dnr.state.md.us/education/children_nature/2009outdoor_activities_summer.as](http://www.dnr.state.md.us/education/children_nature/2009outdoor_activities_summer.asp)
p



[Play the New Bay Game](#)



[National Hunting & Fishing Day](#)



FREE Family Event
Sat., Sept. 26, 2009

[Patuxent Wildlife Festival](#)

Sat., Oct. 24, 2009
10:00 AM - 3:00 PM

Celebrate National Wildlife Refuge Week and Earth Science Week! Enjoy live animals, kids' crafts and behind-the-scenes research tours of the USGS Patuxent Wildlife Research Center.

Maryland Science Center

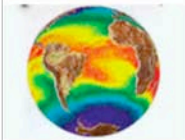
Baltimore, Maryland

<http://www.mdsci.org/events-calendar/index.html?eventtype=families>



Families, Members Preschool Storytime Every Tuesday: 11:00AM

Storytime includes stories, music, science activities, and lots of hands-on fun! Support provided by Target.
In the Kids Room



Families, Members, Adults Climate and Weather Day Sunday, October 11: Noon-2:00PM

Climate and Weather Day: An Earth Science Fair will allow visitors to learn about climatology in a science fair setting from presenters such as NASA, the National Weather Service, the National Park Service, the Maryland Geological Survey, the Association of Women Geoscientists, and the American Geological Institute. Activities are free with paid admission.

Families, Members Ready, Set, Recycle Wednesday, October 14, 2:00PM

Join us as we discover fun ways to make our lives greener here in the Kids Room and at home. Learn how leftover food scraps can help put new food on the table as we get our hands messy with some compost. Use your imagination to turn trash into treasure with our recycled art projects. Get ready, get set, recycle!

In the Kids Room



Families, Members Imagination & Creation Exploration Friday, October 16 and 23, 2009: 3:00PM

This activity is specially designed for children ages 5 through 8. Each week come and face a new I.C.E. challenge based on our monthly theme. Our theme for October is invention. Join us as we decode Da Vinci, investigate his inventions, and explore how science and art come together. Support for this work was provided in part by the Lego Children's Fund.

In the Kids Room.



Families, Members, Adults CARSON Monthly Meeting Tuesday, October 20: 7:30PM

Join us for our monthly meeting of the CARSON citizen science network. Each month we'll share our successes and questions as well as our data. We'll have updates from professional scientists on related research and design and plan new protocols for data gathering. Participants use Key Highway entrance. This meeting has been cancelled, please check back for more information.



Michigan Mineralogical Society

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The Greater Detroit 65th Annual Michigan show **Gem, Mineral, Fossil & Jewelry Show Oct. 9-10-11, 2009**

One of the top shows in the United States.

The show caps off National Earth Science Week, October 11-17

**Fabulous Exhibits - Top Dealers in Gems, Minerals,
Fossils, Jewelry**

[Click here for more Information](#)

Hosted by the Michigan Mineralogical Society

The Michigan Mineralogical Society was organized in 1935 by a Michigan group of mineral collectors interested in furthering the hobby of mineral, fossils, gem collecting, geology and earth science education in Michigan. The Society is incorporated as a non-profit educational organization and is a member of both the American Mineralogical Societies and Midwest Federation of Mineralogical and Geological Societies.

Organized in March 1935, it is the oldest Society/Club in the Midwest Federation and in Mid America. "The Conglomerate" is the official bulletin of Michigan Mineralogical Society, first published in 1940 and is one of the oldest in the United States.



Cavansite spray on Stilbite, India
Russell Mack Collection

Today membership is open to all persons interested in the education and promoting interest in all aspects of collecting, mineralogy, paleontology, and the earth sciences. The Michigan Mineralogical Society meets at 7 PM on the second Monday of the month, September through May (except January) at Cranbrook Institute of Science, 39221 N. Woodward Ave. Bloomfield Hills, MI 48303. Annual Dues: Adult \$20.00

Students \$5.00, New member initiation fee of \$4.00 with annual dues. [Click here for membership application and information.](#)



**October 11-17,
2009**

Middlebury Marble Quarry Open House

<http://www.omyainvermont.org/middlebury-quarry-open-house-2/>

Omya in Vermont

Omya Worldwide

Omya is a worldwide mineral processing company, with North, Central, and South American headquarters located in Cincinnati, Ohio.



MIDDLEBURY QUARRY OPEN HOUSE

Join us for the annual Earth Science Week celebration at our Middlebury Quarry! Over 1600 visitors in 2008!

CALENDAR OF EVENTS

« Sep		Nov »
-----------------------	---	-----------------------

October 2009

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	<u>17</u>
18	19	20	21	22	23	24
25	26	27	28	29	30	31

18 July:

[Pittsford Day
Celebration \(12:00 pm\)](#)


24 August:

[Quarterly Surface
Water Monitoring
Event \(all day\)](#)

17 October:

[Middlebury Quarry
Open House \(11:00 am\)](#)

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TUESDAY, OCTOBER 6, 2009

Earth Science Week October11-17, 2009


The theme for the annual Earth Science Week this year is "Understanding Climate". Here are some great websites to investigate and/or use with your students:

<http://www.nasa.gov/topics/earth/features/seaicemin09.html>
www.earthsciweek.org
www.yearofplanetearth.org

Let me know what you think of these sites and tell your friends!

Posted by Earthspaceteacher at [11:24 AM](#)
Labels: [earth science week](#)

1 comments:

 **S** said...
Great sites!

Don't forget the Childrens' Art Contest: Habitat: Imagine That!

<http://www.strategies.org/education/index.aspx?sub=education&sub2=student&sub3=2009contest>



[October 7, 2009 6:29 AM](#)

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Earth Science Week
October11-17, 2009

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► August (4)

About Me

Earthspaceteacher
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Mrs. Hiers' Edublog

<http://wenhiers.edublogs.org/teacher-sitesresources/>

Teachers Sites/Resources

- Earth Science Week
- Exploring the Environment
- Heat Transfers
- Make it easy-wksht library
- Marcia Krech's Science Teaching Ideas
- Middle School Science
- Model of 3 Faults
- National Park Geology Resources/Images
- Peanut Butter & Jelly Geology (Faults/Stresses)
- Personal Mineral Consumption
- Power Teaching
- School Yard Geology
- Science Visualizations
- Slideshare
- Songs for Teaching
- Teachers Domain

Museum of Science
Boston, MA

http://www.mos.org/events_activities/special_programs&d=3929

- > Collaborations
- > Social Events
- > Traveling Programs
- > Overnight Program
- > Courses

EARTH SCIENCE WEEK

Special Program ([Return to listing page](#))

Sunday, October 11, 2009 | 11:00 am
Monday, October 12, 2009 | 2:30 pm
Tuesday, October 13, 2009 | 2:30 pm
Wednesday, October 14, 2009 | 2:30 pm

News headlines about climate change often mention the predictions of climate models. Where do these models come from, and what are their strengths and weaknesses? How do current climate trends compare with climate events throughout Earth's geologic history? And, how will climate change affect us?

For Earth Science Week 2009, Museum presenters and visiting researchers answer your questions about climate. During Sunday's kickoff event, attend live presentations led by guest scientists and participate in hands-on activities geared toward exploring climate science. The rest of the week features 2:30 p.m. daily presentations on how humans both influence climate change and are impacted by it.

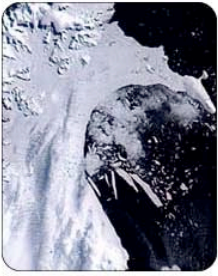


Photo: The Larsen ice shelf at the northern end of the Antarctic Peninsula experienced a dramatic collapse between January 31 and March 7, 2002. This image was taken on February 23, 2002 by

- > Guided Tour of the Moon (Live Presentation)

PASS IT ON

- > View Educator Version for this Offering
- > Project ASTRO (Collaboration)

GET ACTIVE

- > World Wide Views on Global Warming (Forum)
- > When the Sun is Hidden, New Science is Revealed (Videocast)
- > Water on the Moon? Dental Plasma? (Podcast)

MyBlogLog.com

<http://www.mybloglog.com/buzz/topics/teachingscience>

New with Topic: Teaching Science



[rockhunter](#) posted a blog entry

[Earth Science Week Newsletter May 2009](#)

You can view the Earth Science Week newsletter for May 2009 and previous months online at the EarthSciWeek.org website. It has...



[Geology](#) | Topics: [Geology for....](#), [Teaching...](#)

7 days ago



[rockhunter](#) posted a blog entry

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[Current Opportunities](#)

[For Students](#)
[NASA Kids' Club](#)

Feature

Text SizeAverage Rating: 4.3 / 5 (3 ratings) ★★★★★

NASA and Earth Science Week 200910.08.09

The theme of this year's Earth Science Week -- "Understanding Climate" -- promotes scientific understanding of a timely and vital topic: Earth's climate.

Earth Science Week is conducted annually by the American Geological Institute in cooperation with various sponsors, including NASA. A number of NASA resources and activities will be available to educators and students before, during and after this special week, which takes place Oct. 11-17, 2009.

Oceans: The Great Unknown

Oceanographer Gene Feldman answers questions about a recent trip to the Galapagos Islands. He tells how he first became interested in the oceans and gives advice to young scientists.

[> Educator's Article](#)
[> Students K-4 Article](#)
[> Students 5-8 Article](#)

Delaney's Digital World

Scientist-turned-educator Marcianna Delaney leads a NASA team that uses technology to bring science to the classroom.

[> Educator's Article](#)
[> Students 5-8 Article](#)

Activities and Resources Guide


NASA education activities and resources support the goal of this year's Earth Science Week: to promote scientific understanding of Earth's climate. Find out more, including information about an Oct. 14 webcast, at [Earth Science Week 2009: Understanding Climate](#).

More at climate.nasa.gov/esw

NASA's Global Climate Change Web site features a variety of resources for educators and students, including "Tides of Change," a five-part video series on the connection between ocean and climate to be released during Earth Science Week. Find out more at climate.nasa.gov/esw →.

Dan Stillman, Institute for Global Environmental Strategies

[Back To Top](#)



Use the resources on this page to help celebrate Earth Science Week taking place Oct. 11-17, 2009. Image Credit: NASA

2-225

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Text Size

Earth Science Week 2009: Understanding Climate

10.08.09

The theme of this year's Earth Science Week -- "Understanding Climate" -- presents a timely opportunity for students to learn about Earth's climate, how it affects them and vice versa. Earth Science Week takes place Oct. 11-17. It coincides with a period of increased media attention on Earth's climate as the U.S. Congress considers legislation to reduce emissions of greenhouse gases, and world leaders negotiate a new global climate treaty.


The American Geological Institute hosts Earth Science Week annually in cooperation with various sponsors to encourage understanding and appreciation for the Earth sciences and stewardship of Earth.

During Earth Science Week, NASA will release five short educational videos, all part of a series entitled "Tides of Change." The videos will focus on the connection between ocean and climate. Each video will focus on a specific aspect of the connection, such as rising sea levels or the carbon cycle. The videos will be posted at <http://climate.nasa.gov>, which will be a one-stop shop for NASA Earth Science Week education resources related to understanding climate.

On Wednesday, Oct. 14, classrooms around the country are invited to participate in a live webcast. The webcast will feature two oceanographers who will discuss their careers, illustrate NASA's unique view of the oceans from space, and answer questions submitted by participants. The webcast will be available at <http://www.ustream.tv/channel/earth-science-week-webcast>.

In addition, NASA has contributed to the following items included in an educator kit designed to help teachers engage students in Earth science before, during and after this special week:

- "The Dynamic Earth" DVD -- A new DVD provides an 18-minute overview of the Earth system, climate change and how NASA observes the planet. The DVD also includes slideshows about various Earth science topics. The online home of "The Dynamic Earth" DVD -- http://eospsa.gsfc.nasa.gov/eos_homepage/for_educators/educational_dvd.php -- contains a DVD glossary, links to related Web sites, and downloadable versions of the video in iPod, iPhone or AppleTV format.
- Global Climate Change Bookmark -- A color bookmark shows a series of images that depict the long-term progression of global surface temperature departures from average. The bookmark points to <http://climate.nasa.gov>, a hub for climate news and features, visualizations of NASA climate data, and a 3-D interactive that allows users to fly around Earth on the wings of a satellite.
- Hurricane Katrina Learning Module -- The Category 3 hurricane that devastated parts of the Gulf Coast in August 2005 is the subject of a learning module for grades 5-12. Students are tasked with describing how Katrina affected each of Earth's four spheres -- the atmosphere, biosphere, lithosphere and hydrosphere; how each sphere affected Katrina; and how the spheres affected each other. The Earth System Science Education Alliance, or ESSEA, developed the module. Sponsored by the National Science Foundation and NASA, ESSEA supports educational institutions across the country in offering a series of online Earth system science courses for K-12 teachers. More learning modules are available at the ESSEA Web site: <http://essea.strategies.org>.
- Tropical Atlantic Aerosols Learning Activity -- A MY NASA DATA lesson for students in grades 7-9 is featured as the

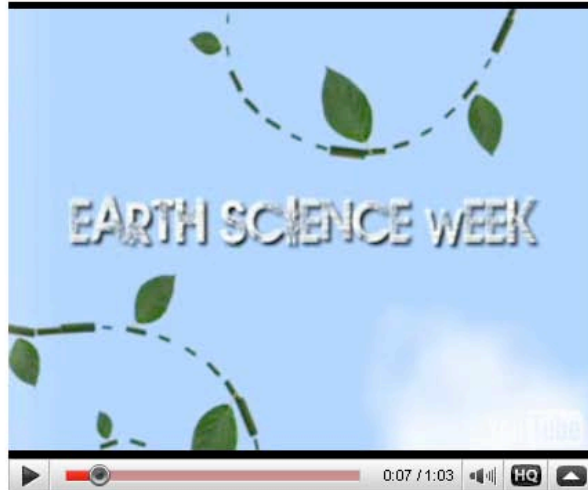


The Dynamic Earth DVD provides an 18-minute overview of the Earth system, climate change and how NASA observes the planet. Image Credit: NASA

NASA Blog

<http://science.homeftp.org/?p=1038>

NASA | Earth Science Week | What are the Primary Forces ...



Tags: center, climate, clouds, Earth, flight, goddard, li, NASA, plants, science, space, Sun, sunlight, tv, Week, wen, xiao, xiaowen

Earth Science Week K-9 Student Contests

Posted on *July 2, 2009*. Filed under: [Programs & Events](#) | Tags: [5-8](#), [9-12](#), [K-4](#) |

Entries may be submitted now, and all due by the Friday of Earth Science Week, Oct. 16, 2009. The photography contest, open to all ages, focuses on “How Climate Shapes My World.” The visual arts contest, titled “The Climate Where I Live,” is open to students in grades K-5 and students in grades 6-9 are eligible to enter the essay contest: “Climate Connections.” To learn more about these contests, including how to enter, visit <http://www.earthsciweek.org/contests/>.

Possibly related posts: (automatically generated)

- [Earth Science Week 2009 Contests for K-12 Students – Deadline October 16....](#)
 - [Writing Contest for Kids](#)
 - [Ninth-Twelfth Grade Essay Scholarship Contests](#)
- [Two weeks left to enter MindBites Screencast 4 Cash contest](#)

[**Make a Comment**](#)

NASA Earth and Space Science Education News Blog

<http://smdnews.wordpress.com/2009/09/02/international-year-of-planet-earth-earth-science-week-2009-photograph-contest/>

The screenshot shows a WordPress blog post from NASA Earth and Space Science Education News. The header features a dark blue space-themed background with a full moon and the text "NASA Earth and Space Science Education News" and "Upcoming educational programs, events, opportunities and the latest resources from NASA's Science Mission Directorate." Below the header is a navigation bar with links: home, about, subscribe, newsletter archive, and calendar. The main content area has a yellow search bar and a "go!" button. The post title is "International Year of Planet Earth & Earth Science Week 2009 Photograph Contest" dated September 2, 2009. It is posted by "smdnews" in the "Programs & Events" category. The post text mentions a photography contest sponsored by the American Geological Institute, with a deadline of October 16. A "Comments" section at the bottom shows no comments yet. The right sidebar contains a "Categories" list (Educational Resources, Funding Opportunities, Programs & Events, Science News) and a "NASA Earth News" section with links to various NASA news items.

NASA Earth and Space Science Education News
Upcoming educational programs, events, opportunities and the latest resources from NASA's Science Mission Directorate.

home about subscribe newsletter archive calendar

International Year of Planet Earth & Earth Science Week 2009 Photograph Contest September 2, 2009

Posted by smdnews in [Programs & Events](#).
[trackback](#)

(Entries due Oct. 16)

To celebrate the International Year of Planet Earth and Earth Science Week 2009, the American Geological Institute is sponsoring a major international photography contest. Photographs should focus on the topic "Exploring Earth Science Around the World." The contest is open to anyone of any age from anywhere around the world. Entries must be submitted electronically.
<http://www.earthsciweek.org/contests/iypephotocontest/index.html>.

Comments»
No comments yet — be the first.

Categories

- Educational Resources
- Funding Opportunities
- Programs & Events
- Science News

NASA Earth News

- [NASA And Jaxa Sign Agreement For Future Earth Science Cooperation](#)
- [NASA Celebrates Chandra X-Ray Observatory's 10th Anniversary](#)
- [NASA Student Airborne Research Program Takes Flight](#)
- [NASA Selects Icesat-II Laser Systems Engineering Contractor](#)

NASA's Climate Website

<http://climate.nasa.gov/news/index.cfm?FuseAction=ShowNews&NewsID=184>

National Aeronautics and
Space Administration


GLOBAL CLIMATE CHANGE
on the Earth

NEWS

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NASA celebrates Earth Science Week

10.13.09



During the week of October 11-17, the world will be celebrating Earth Science Week and NASA has a major part in that celebration. NASA studies a variety of topics on Earth science, from climate change to hurricanes.

Every day at NASA, satellites, computer models and scientists study the changing Earth including dust plumes off the coast of Africa, pollution, the ozone hole, global temperatures, oceans, atmosphere, global ice and snow, weather and much more.

Engineers and technicians conceive, design and build new instruments and satellites to investigate different aspects of the Earth. NASA is committed to a better understanding of our Earth to improve our knowledge and our lives.

Earth Science Week 2009 provides a focus on what NASA does 24 hours a day, seven days a week. It encourages people everywhere to explore the natural world and learn about the geosciences. "Understanding Climate," the theme of Earth Science Week 2009, will promote scientific understanding of Earth's climate. As a leader in climate study, this year NASA's contribution to Earth Science Week will focus on the connection between climate change and our oceans.

NASA is releasing a series of five short educational videos each day during Earth Science Week under the theme "Understanding Climate." This year's theme was selected by the American Geological Institute (AGI). The NASA video series entitled "Tides of Change" will focus on the ocean-climate connection. Each video will feature a specific aspect of this connection, such as the water cycle or life in the ocean. The videos can be seen at: <http://climate.nasa.gov/esw/videoseries/>.

NASA's Global Climate Change website will feature these videos as part of the interactive 3-D Eyes on Earth. This application allows users to fly around the planet on the wings of a satellite, observing the planet's vital signs from space. Climate.nasa.gov will also be a one-stop shop during ESW09 for all of NASA's best Earth science education resources related to the understanding of climate.

One of the NASA Earth Science Week highlights is a live educational webcast on Oct. 14 at 1:00 p.m. EDT. Classrooms around the country will participate in this live event focused on Earth science discoveries and careers. Two oceanographers will discuss their careers, illustrate NASA's unique view of the oceans from space, and answer questions submitted by participants. To see the webcast: <http://www.ustream.tv/channel/earth-science-week-webcast>.


NASA has contributed a selection of materials to the Earth Science Week 2009 Kits, which are distributed to 16,000 educators. Materials include a Hurricane Katrina

Resources

- Video series: "Tides of Change"
- Multimedia Resources
- Educational Activities

NASA's Earth Observatory

<http://earthobservatory.nasa.gov/Newsroom/view.php?id=40857&src=eorss-nnews>



Earth Observatory

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NASA Celebrates Earth Science Week

October 10, 2009

Every day at NASA scientists study changes on our home planet, and a significant portion of that study focuses on changes in our oceans. To showcase some of that research, NASA is releasing [six short videos](#) in commemoration of Earth Science Week 2009. The videos highlight the connection between climate change and our oceans.

The theme of Earth Science Week (October 11 through 17) this year is "Understanding Climate." The six NASA videos complete a series called "Tides of Change," which all focus on the ocean-climate connection. Each video features a specific component of the connection, such as marine life or the water cycle.

Another highlight of NASA's Earth Science Week contributions is a live educational webcast on October 14 at 1 p.m., EDT. Classrooms around the country will participate in this live event that focuses on Earth science discoveries and careers. Two oceanographers will discuss their careers, illustrate NASA's unique, space-based view of the oceans and answer participant questions. Watch the webcast [here](#).

Also part of NASA's offerings, the agency's Global Climate Change [Web site](#) will feature these videos and a 3D interactive, "Eyes on Earth." The downloadable [Eyes on Earth](#) application allows users to observe the paths of satellites that study our planet, learn about related missions and more.

Earth Science Week, organized by the American Geological Institute, encourages people everywhere to explore our planet and learn about geoscience fields.

Though Earth Science Week 2009 only lasts through October 17, At NASA every week is Earth science week, as scientists continue to learn about our changing planet and what drives those changes. A world of Earth science exploration is all at your fingertips and on-line from [NASA's Earth Web site](#) any day of the week.

Related Links:

- › ["Tides of Change" video series](#)
- › [Earth Science Week education resources from NASA](#)
- › [NASA's Earth site](#)
- › [October 14 webcast](#)
- › [NASA's Climate page](#)
- › [Eyes on Earth](#)
- › [American Geological Institute's Earth Science Week site](#)

Rob Gutro
NASA's Goddard Space Flight Center

##

Contact:

Rob Gutro
Goddard Space Flight Center
301-286-4044
robert.j.gutro@nasa.gov

This text derived from:
<http://www.nasa.gov/topics/earth/features/esw09.html>

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the Earth Observatory is part of the EOS Project Science Office located at NASA Goddard Space Flight Center

webmaster: Goran Halusa • NASA official: Lorraine Remer

last updated: November 2, 2009

NASA's Jet Propulsion Lab Webpage

<http://www.jpl.nasa.gov/news/features.cfm?feature=2336>

NASA Celebrates Earth Science Week



This year's Earth Science Week is organized around the theme of "Understanding Climate."
NASA/JPL-Caltech



October 14, 2009

NASA joins in the world celebration of Earth Science Week 2009 (October 11-17) with a release of a series of new multimedia products and educational resources designed to improve understanding of global climate change. The theme of this year's event is "Understanding Climate."

As a leader in climate studies, NASA's contribution to Earth Science Week this year focuses on the connection between climate change and Earth's ocean. Highlights include a new video series entitled "Tides of Change" focusing on the ocean-climate connection, and a live educational webcast on Oct. 14 at 10 a.m. PDT (1 p.m. EDT).

Feature story:

<http://climate.nasa.gov/news/index.cfm?FuseAction=ShowNews&NewsID=184>

and educational resources page:


<http://climate.nasa.gov/esw/>

and webcast link:

<http://www.ustream.tv/channel/earth-science-week-webcast>

National Council for Geographic Education

<http://www.ncge.org/i4a/headlines/headlinedetails.cfm?id=37&pageid=3284>

**NCGE** National Council for Geographic Education

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CAREER
Opportunities

Graduate Credit
for National
Conference on
Geography
Education

Geography
Education
Degrees
Programs

Earth Science Week 2009 Contests Announced
Home » Publications



Take part in the following contests to celebrate Earth Science Week. This year's celebration takes place Oct. 11-17, 2009.

Earth Science Week 2009 Photography Contest -- Open to All Ages

The American Geological Society is sponsoring a photography contest to celebrate Earth Science Week 2009. Photographs should focus on the topic "How Climate Shapes the World." The contest is open to any resident of the United States. Participants should submit a picture that best represents the climate in their area. Entries may be submitted electronically or by mail. Only one entry will be accepted per person. The deadline for submitting photos is **Oct. 16, 2009.**

<http://www.earthsciweek.org/contests/photography/index.html>

Earth Science Week 2009 Visual Arts Contest -- Open to Students in Grades K-5

The American Geological Society is sponsoring a visual arts contest to celebrate Earth Science Week 2009. Artwork should focus on the topic "The Climate Where I Live." The contest is open to students in grades K-5 who are residents of the United States. Participants should submit an original two-dimensional visual arts project that best represents the climate in their area. Entries must be submitted by mail. The deadline for submitting entries is **Oct. 16, 2009.**

<http://www.earthsciweek.org/contests/visualarts/index.html>

Earth Science Week 2009 Essay Contest -- Open to Students in Grades 6-9

The American Geological Society is sponsoring an essay contest to celebrate Earth Science Week 2009. Essays should focus on the theme "Climate Connects." The contest is open to students in grades 6-9 who are residents of the United States. Participants should submit an original essay no more than 300 words in length, typed, and formatted to fit on one page. Entries may be submitted electronically or by mail. The deadline for submitting entries is **Oct. 16, 2009.**

<http://www.earthsciweek.org/contests/essay/index.html>

International Year of Planet Earth & Earth Science Week 2009 Photography Contest -- Open to All Ages

To celebrate the International Year of Planet Earth and Earth Science Week 2009, the American Geological Institute is sponsoring a major international photography contest. Photographs should focus on the topic "Exploring Earth Science Around the World." The contest is open to anyone of any age from anywhere around the world. Entries must be submitted electronically. The deadline for submitting photos is **Oct. 16, 2009.**


<http://www.earthsciweek.org/contests/ypphotocontest/index.html>

If you have any questions about any of these contests, please e-mail the Earth Science Week staff at info@earthsciweek.org.

[2009 Conference Photo Resources \(P&A\)](#)
[Field Trips](#)
[Publications Info](#)
[http://www.ncge.org](#)


National Earth Science Teachers Association (NESTA)

<http://www.nestanet.org/cms/calendar/1006>



National Earth Science Teachers Association

Serving the Earth Science educator community



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Calendar

Earth Science Week

in [Conference](#)
URL:
<http://www.earthsciweek.org>
Date/Time:
10/11/2009 - 10/17/2009
Fee for participation:
Some Earth Science Week events across the country may have a fee, but most will be free!
Alexandria, VA - The American Geological Institute is announcing that "Understanding Climate" is the theme for the 2009 Earth Science Week.

Climate is perhaps the most visible earth science topic in the news. Climate affects humans today just as it has for millions of years. It is also pivotal in understanding how the dynamics of our planet function across different scales of time and space. Earth Science Week 2009 will engage students, educators, and the general public in understanding all the factors driving climate and the role climate plays in the history of Earth and humankind.


"Students and the general public need to understand Earth's climate system, above and beyond the sound bites of public debate," says Ann E. Benbow, AGI's Director of Education and Outreach. "Earth Science Week 2009 will provide educators, students and interested citizens with the information, resources, and activities they need for scientifically sound climate education."

AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, and the broader geoscience community through grassroots activities.

To learn more about this week and ways to become involved; including newsletters, local events, and classroom activities, please go to the Earth Science Week website at <http://www.earthsciweek.org>.


The American Geological Institute is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

Earth and Space Science Today



Now you can easily access information on topics that highlight our active Earth. [Learn all](#) about the latest earthquakes, volcanoes, hurricanes, severe weather, wildfires, tides and currents, droughts, a calendar for solar and lunar eclipses, and daily streamflow information.

Image of the day




[Cumulus cloud in Colorado](#), submitted by Lisa Gardiner

- [Astronomy Picture of the Day](#)
- [Earth Science Picture of the Day](#)
- [AGU Image of the Week](#)


National Earth Science Teachers Association (NESTA)

<http://www.nestanet.org/cms/calendar/1200>



National Earth Science Teachers Association

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Standards and Frameworks

Geoscience Careers

Rocks, Minerals and Sand

Supporting NESTA

Affiliates, Affiliations, and Sponsors

Serving NESTA

Calendar

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Women in the Geosciences Day

Date/Time:
10/15/2009

Location

Venue name if any:
Everywhere


Fee for participation:
None

This year, the Association for Women Geoscientists, in conjunction with American Geological Institute, is proposing to initiate a "Women in the Geosciences Day" which will take place on the Thursday of each Earth Science Week (the second full week of each October). October 15 will be the 2009 Women in the Geosciences Day. We are asking for your support in this inaugural "Women in the Geosciences Day." Here are suggestions for activities:

- Invite a female geoscientist as a colloquium/lecture series speaker on October 15 (or as close as possible to Oct 15th)
- Visit your local high school to talk about what Geoscientists do
- Organize events with female speakers at a local museum
- Organize a Girl Scouts/Boys Scouts event for Rocks Rock badges
- Take a 4H group on a field trip to look at rocks, minerals, soils, etc.

In all events, we encourage the participation of your female members. If you would like to contact a local AWG member for help, please contact us for a list of members. Additionally, if you do hold an event, we would appreciate hearing about it. Please send us a note at office@awg.org. We can also help by advertising your event in our eNews announcements.

Earth and Space Science Today




Now you can easily access information on topics that highlight our active Earth. [Learn all](#) about the latest earthquakes, volcanoes, hurricanes, severe weather, wildfires, tides and currents, droughts, a calendar of solar and lunar eclipses, and daily streamflow information.

Development of the NESTA website is supported through a grant from the National Science Foundation's Geoscience Education Program.


National Earth Science Teachers Association (NESTA)

<http://www.nestanet.org/cms/calendar/1253>



National Earth Science Teachers Association

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Climate and Weather Day: An Earth Science Fair

URL:
<http://www.mdsci.org>

Date/Time:
10/11/2009 - 12:00pm - 2:00pm

Location

Venue name if any:
Maryland Science Center


Address:
601 Light Street

City:
Baltimore

State:
Maryland

Earth Science Week 2009 kicks off this Sunday, October 11, with "Climate and Weather Day: An Earth Science Fair" from 12 noon to 2 p.m. at Baltimore's Maryland Science Center. In addition to the science center's many longstanding science offerings, special displays will highlight the science of climatology. Presenters such as NASA, the National Weather Service, the National Park Service, the Maryland Geological Survey, the Association of Women Geoscientists, and AGI will provide hands-on, interactive demonstrations and handouts. For more information or to participate, visit the Maryland Science Center, 601 Light Street, Baltimore, MD 21230-3899 (<http://www.mdsci.org>). The event is just one of many taking place nationwide during Earth Science Week. To learn about more, keep reading!

Earth and Space Science Today





Now you can easily access information on topics that highlight our active Earth. [Learn all](#) about the latest earthquakes, volcanoes, hurricanes, severe weather, wildfires, tides and currents, droughts, a calendar for solar and lunar eclipses, and daily streamflow information.


Development of the NESTA website is supported through a grant from the National Science Foundation's Geoscience Education Program.

National Geographic EdNet

http://ngsednet.org/community/whatsnew_archive.cfm?community_id=204&announcement_id=2542

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AZGA ARCHIVE
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[October 2009](#) - (3) **Take part in the following contests to celebrate Earth Science Week. This year's celebration takes place Oct. 11-17, 2009.**
[September 2009](#) - (5) Posted September 17, 2009
[August 2009](#) - (1) Earth Science Week 2009 Photography Contest -- Open to All Ages. The American Geological Society is sponsoring a photography contest to celebrate Earth Science Week 2009. Photographs should focus on the topic "How Climate Shapes My World." The contest is open to any resident of the United States. Participants should submit a picture that best represents the climate in their area. Entries may be submitted electronically or by mail. Only one entry will be accepted per person. The deadline for submitting photos is Oct. 16, 2009. <http://www.earthsciweek.org/contests/photography/index.html> Earth Science Week 2009 Visual Arts Contest -
[July 2009](#) - (1) - Open to Students in Grades K-5 The American Geological Society is sponsoring a visual arts contest to celebrate Earth Science Week 2009. Artwork should focus on the topic "The Climate Where I Live." The contest is open to students in grades K-5 who are residents of the United States. Participants should submit an original two-dimensional visual arts project that best represents the climate in their area. Entries must be submitted by mail. The deadline for submitting entries is Oct. 16, 2009.
[June 2009](#) - (1) <http://www.earthsciweek.org/contests/visualarts/index.html> Earth Science Week 2009 Essay Contest -- Open to Students in Grades 6-9 The American Geological Society is sponsoring an essay contest to celebrate Earth Science Week 2009. Essays should focus on the theme "Climate Connects." The contest is open to students in grades 6-9 who are residents of the United States. Participants should submit an original essay no more than 300 words in length, typed, and formatted to fit on one page. Entries may be submitted electronically or by mail. The deadline for submitting entries is Oct. 16, 2009.
[May 2009](#) - (1) <http://www.earthsciweek.org/contests/essay/index.html> International Year of Planet Earth & Earth Science Week 2009 Photography Contest -- Open to All Ages To celebrate the International Year of Planet Earth and Earth Science Week 2009, the American Geological Institute is sponsoring a major international photography contest. Photographs should focus on the topic "Exploring Earth Science Around the World." The contest is open to anyone of any age from anywhere around the world. Entries must be submitted electronically. The deadline for submitting photos is Oct. 16, 2009.
[March 2009](#) - (1) <http://www.earthsciweek.org/contests/typphotocontest/index.html> If you have any questions about any of these contests, please e-mail the Earth Science Week staff at info@earthsciweek.org.
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National Geoscience Database of Iran

<http://www.ngdir.ir/news/NewsDetail.asp?Pid=23774>

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English



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- Land Geophysics Database-Iran
- Landslide Database of Iran
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- Copper Database
- Gold Database
- Geoscience Laboratories
- Mineral Information
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Geology

2009/07/01

NGDIR News Section-- Earth Science Week and the International Year of Planet Earth are sponsoring a photo contest for photographers worldwide. The theme is: "Exploring Earth Science Around the World". Entrants are encouraged to submit photos that show people engaged in Earth science exploration in the natural environment of their part of the world.

Source: Geology.com





Others Activities:

- Tajikistan Geoscience Database
- The general policies (Mines)

- Geoscience database of ALBA
- Geo Database of Venezuela
- 26th Symposium on Geosciences

- Geoscience Database of ECO
- 4th National Development Plan
- Ongoing projects


- GEOLOGICAL SURVEY OF IRAN
- Foreign Investment(FIPPA)

- 2500 K Magnetic Lineament Map of Iran
- Map of Iran's Earthquake
- Select state on iran map

- Geological Map of Iran(1:1000, 000 Scale)
- Orohydrographic Map of Iran
- Geosciences laboratories distribution map of Iran

- Mineral Distribution Map of Iran
- Distribution Map of mineral Processing Plants
- Map of Iran's Last Earthquake

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National Geoscience Database Of IRAN

URL: www.ngdir.ir

Contact Mail: Info@ngdir.ir

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Declaration of the Importance of Earth Systems Science Education

Home » Government Affairs » Declaration of the Importance of Earth Systems Science Education

The National Ground Water Association joins other geoscience organizations, the state-based national alliance, and federal agencies in recognizing that a science-literate citizenry is vital to the nation's well-being and security. To address future environmental and resources challenges, including complex water resources evaluation and sustainability issues, requires a better understanding of the interrelationships between Earth systems' processes. NGWA endorses adoption of National Science Education Standards by all public and private school systems. Such standards, developed by the National Academies, integrate the cross-disciplinary Earth science expertise necessary to apply this knowledge for the betterment of the environment and society.

Earth systems science education—a national revolution

A national revolution began in 2001 to reform Earth and space science education. Results from national conferences identified the critical importance of Earth systems science and outlined a blueprint for change¹. Scientific advances and technological developments over the last 50 years revolutionized our understanding of the Earth and its systems and also emphasize the necessity of Earth science education at national and global scales. Earth science education integrates and synthesizes the disciplines of physics, biology, chemistry, geology, hydrology, oceanography, meteorology, and all other sciences that study life, Earth, and space. While many state curricula include Earth science topics, many lack Earth science as important subject matter. The U.S. Geological Survey and the National Oceanic and Atmospheric Administration recognize that Earth science education needs to be as "dynamic as Earth itself"². Because the Earth represents endless interconnected and dynamic systems exhibiting intricate behaviors on space and time scales relevant to society, a broad understanding of the linkages between Earth systems' processes is needed. The challenge is to bring together a diverse range of interrelated scientific disciplines. Through Earth systems science education, students learn to understand Earth's complexity. Moreover, science-educated youth appreciate the significance of wise utilization of the Earth's resources. Earth science education promises to play an ever-expanding role in meeting society's needs. Essentially, Earth systems science education constitutes a core element of students' curriculum.

Earth systems science education initiatives

Escalated efforts are needed to elevate Earth science education awareness across all avenues of society. Effective implementation necessitates:

- Uniting geoscience organizations in their support of Earth systems science education Supporting the national science education reform and National Science Education Standards
- Promoting Earth systems science education through National Ground Water Awareness Week, Earth Science Week, and other science education events
- Providing examples of applied Earth systems science to organizations that develop educational training materials and resources
- Providing opportunities for engaging students and others in interactive learning by creating "outdoor" classrooms with hands-on activities
- Promoting Earth systems science education at all levels, including the necessary collection of data to better understand the complexity of all Earth systems, including the hydrologic system, and implement actions necessary to address future challenges.

Other supporters and resources

Other organizations demonstrating their support of Earth systems science education efforts include:

National Park Service Grand Canyon Events

<http://www.nps.gov/grca/planyourvisit/earth-sci-week.htm>



Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the most well known and most scenic geologic landscapes on the planet.

Special Ranger Programs:

Sunday - Friday, October 11 - 16

Fossil Walk, 9:30 a.m., daily

Explore marine fossils exposed on the rim of Grand Canyon. Meet on the patio behind Bright Angel Lodge. 1 hr.

Geology Walk, 1:00 p.m., daily

Explore the canyon's geology. Meet outside Yavapai Observation Station. 1 hr.

Earth Science Evening Programs, 7:30 p.m.

Shrine of Ages Auditorium, 1 hr.

Monday, October 12, **Arizona Monsoon? Surely You Jest! (The Summer Climate of Grand Canyon)**, Chris Carroll, Park Ranger

Tuesday, October 13, **How the Grand Canyon Came to Be: Grand Canyon Geology**, Jim Heywood, Park Ranger

Wednesday, October 14, **Regional Impacts-Effects of Climate Change on Tribal Communities in the Southwest**, Margaret Cook, Environmental Director, Gila River Community

Other Activities:

No Child Left Inside Day

Tuesday, October 13, 11:30 a.m. - 4:00 p.m.

Kids can explore geology with a park ranger at a Touch Table on the rim of the canyon in the historic village near the El Tovar Lodge.

Desert View Drive Geology Field Trip,

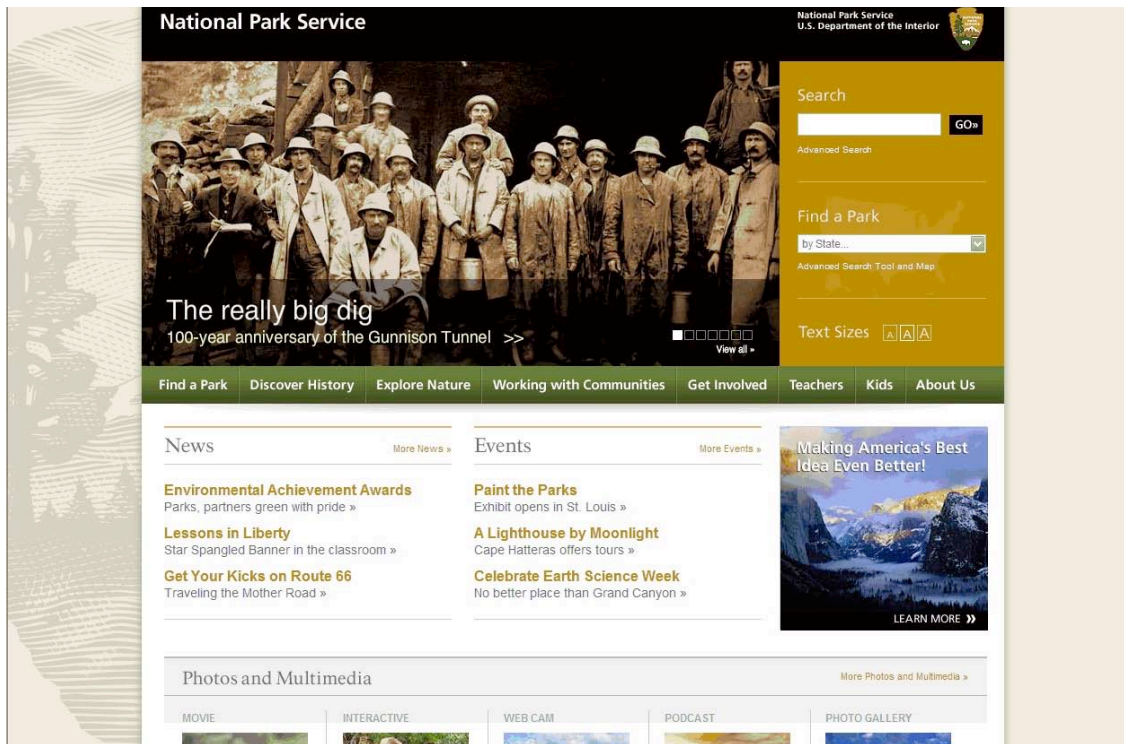
Saturday, October 17, 10:00 a.m. - 4:00 p.m.

Grand Canyon National Park will offer a special field trip on



National Park Service Homepage

<http://www.nps.gov>



Nebraska Earth Systems Education Network
<http://nesen.unl.edu/>



University of Nebraska–Lincoln

Nebraska Earth Systems Education Network
School of Natural Resources

Teaching Earth Science Together



In the News

[Vote for NASA's Biggest Hits for the Home Planet!](http://www.nasa.gov/topics/earth/earthday/greatest_hits.html) (http://www.nasa.gov/topics/earth/earthday/greatest_hits.html) (pdf, posted 04/15/09)

[Geographic Alliance Network](http://ngsednet.org/community/about.cfm?community_id=94#N) (http://ngsednet.org/community/about.cfm?community_id=94#N) (posted 04/15/09)

[Experts Identify Compound That May Fight Bird Flu](http://article.wn.com/view/2009/04/15/Experts_identify_compound_that_may_fight_bird_flu/) (http://article.wn.com/view/2009/04/15/Experts_identify_compound_that_may_fight_bird_flu/) (posted 04/15/09)

[How Did Life on Earth Get Started?](http://article.wn.com/view/2009/04/15/Experts_identify_compound_that_may_fight_bird_flu/) (http://article.wn.com/view/2009/04/15/Experts_identify_compound_that_may_fight_bird_flu/) (posted 04/15/09)

[How Did Life on Earth Get Started?](http://article.wn.com/view/2009/04/15/Experts_identify_compound_that_may_fight_bird_flu/) (http://article.wn.com/view/2009/04/15/Experts_identify_compound_that_may_fight_bird_flu/) (posted 04/15/09)

Featured Earth Science Web Sites

[Astronomy](#) ([ScienceResources/LinksAstronomy.asp](#))

[Atmosphere](#) ([ScienceResources/LinkAtmosphere.asp](#))

[Biosphere](#) ([ScienceResources/LinkBiosphere.asp](#))

[Geosphere](#) ([ScienceResources/LinksGeosphere.asp](#))

[Hydrosphere](#) ([ScienceResources/LinksHydrosphere.asp](#))

[NSDL -- the Nation's Online Library for Education and Research in Science, Technology, Engineering, Mathematics.](#) (<http://nsdl.org/>)

[National Geographic Kids: An Interactive Website!](#) (<http://kids.nationalgeographic.com/>)

Upcoming Events

["View Atmosphere From Space - A Workshop for Teachers](#) ([Downloads/summer-workshop-flier-2.pdf](#)) (pdf, posted 03/12/09)

[Top Stars: Educators Invited to Submit Examples of Inspiring Uses of Hubble in Education.](#) ([MiscWeeklyNews/notes/TopStars.pdf](#)) (pdf, posted 04/15/09)

[AGI Announces Earth Science Week 2009 Theme!](#) ([MiscWeeklyNews/notes/AGIESW2009.pdf](#)) (pdf, posted 04/15/09)

New Hampshire Geological Survey

<http://des.nh.gov/organization/commissioner/gsu/index.htm>

[Office of the Commissioner](#) > [Programs/Bureaus/Units](#) > [New Hampshire Geological Survey](#) >

New Hampshire Geological Survey



Welcome to the New Hampshire Geological Survey (NHGS). The Survey's mission is to collect data and perform research on the land, mineral, and water resources of the state, and disseminate the findings to the public through maps, reports, and other publications. NHGS is directed by the state geologist. Major activities include:

- Providing state agencies, local governments, planning commissions, the private sector, and the general public with geologic information to meet their scientific, educational, and business needs.
- Identifying and mapping the bedrock, surficial materials (sand, gravel, silt and clay), and mineral deposits in New Hampshire.
- Maintaining the state's database of water [well completion records](#) and [water use information](#).
- Providing earth science education and outreach information.

Producing [geologic maps and publications](#) containing geologic information, which are available to the public. [more...](#)

➔ Hot Topics

- [Earth Science Week 2009](#)
- [EPA National Environmental Information and Exchange Network Grants](#)
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➔ Education/Outreach

- [Earth Science Information](#)
- [Scholarships](#)

New Hampshire Science Teachers Association

http://nhsta.net/Information/ES_week/ES_Week_update.htm

Earth Science Week 2009

Submitted by Lee Wilder ,NHGS

AGI invites you to take part in Earth Science Week 2009! Being held October 11-17, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the geosciences. For more see: <http://www.earthsciweek.org/>

Apply Now for Award for K-8 Earth Science Teacher

Submitted by Lee Wilder , NHGS

The American Geological Institute (AGI) and the AGI Foundation once again are offering the Edward C. Roy, Jr. Award for Excellence in Earth Science Teaching in 2009. Given annually, this award recognizes one classroom teacher from kindergarten to eighth grade for leadership and innovation in Earth science education.

The winner will receive a \$2,500 prize and an additional grant of \$1,000 to enable the recipient to attend the Geological Society of America's 2009 Joint Meeting at the close of Earth Science Week 2009 (Oct. 11-17) to accept the award. To be eligible for this year's competition, applications must be postmarked by May 31.

This award is named in honor of Dr. Edward C. Roy, Jr., a past president of AGI, who was a strong and dedicated supporter of Earth science education. To learn more, visit <http://www.agiweb.org/education/awards/ed-roy>.

New Mexico Tech.

<http://www.nmt.edu/news/3548-earthquake-awareness-day-punctuates-earth-science-week>

notice of Earth Science Week in 2009.

The [national Earth Science Week](#) is October 11 to 17, 2009, as designated by the American Geological Institute. This year's theme is "Understanding Climate." Governor Bill Richardson issued a proclamation declaring this same week as Earth Science Week in New Mexico.

Scientists at the Bureau and the university have prepared five special radio features about geology and Earth science that will air on KUNM 89.9 during Earth Science Week. Nelia Dunbar, Mike Timmons, Stacy Timmons, Dave Love and Rick Aster each wrote a two-minute feature about their specialty. The recordings will also be available on the websites of the Bureau, New Mexico Tech and KUNM. Each of the five radio spots focuses on a different aspect of New Mexico geologic history.

The five radio spots will be broadcast at 7 p.m. Monday through Friday, October 12 to 16.

One particular goal of the special week is to promote understanding of how citizens are affected by the natural environment. While California's earthquake hazards are well-known, New Mexico has a moderately active seismic region.

On October 15, California is organizing a ShakeOut event, which educates and empowers residents across the state to prepare for a damaging earthquake. New Mexico Tech also has designated Thursday, Oct. 15, as Earthquake Awareness Day.

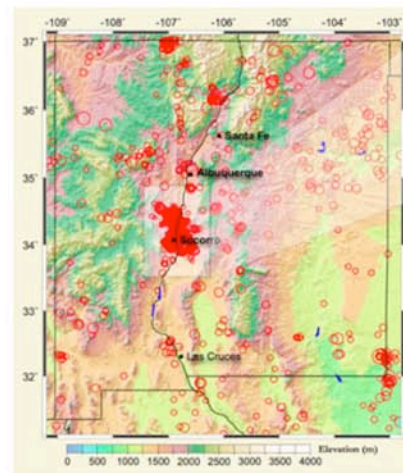
According to seismologists at New Mexico Tech, earthquakes occur in most parts of the state. The Socorro area has been the most active region in New Mexico for at least the past 150 years. (See map at right).

During the last 45 years, nearly half of the seismic energy generated by earthquakes in New Mexico has been released in a region centered near Socorro that includes only about two percent of the state's total land area.

This activity is caused by the Socorro Magma Body, an inflating body of molten rock that covers roughly 1,300 square miles about 12 miles beneath the surface. (See second graphic below).

Earthquake swarms, defined as series of earthquakes recurring for days in nearly the same location within minutes of each other, are very common in the Socorro region. The majority of the earthquakes in these swarms are shallow (3 to 8 miles beneath the surface), and relatively small (magnitude less than 1.0). The most recent swarm occurred in August 2009, with the largest event at magnitude 2.6.

The largest earthquakes of record in this region occurred during an earthquake swarm in 1906, with maximum magnitude estimated at 6.18. According to the U.S. Geological Survey, there is an 18 percent



This map shows seismic activity in New Mexico over the past century. Courtesy New Mexico Tech Earth and Environmental Science Department. The poster titled "[Earthquakes in New Mexico and the Socorro Magma Body](#)" is viewable on the internet.

North Carolina Office of Environmental Education

<http://web.eenorthcarolina.org/core/item/page.aspx?s=82861.0.0.37430>



Office of Environmental Education

All of North Carolina's EE Resources in One Place!

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Earth Science Week Contests

AGI is sponsoring three national contests for [Earth Science Week 2009](#). The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.

Photography Contest (open to all ages)

"How Climate Shapes My World"

If you were putting together a travel brochure about your local area, what image would best represent your climate? No matter where you are, your climate affects - and is affected by - air, water, land, and living things. Use your camera to get the best possible "Climate Capture," and submit it to this year's Earth Science Week Photo Contest.



Visual Arts Contest (students in grades K-5)

"The Climate Where I Live"

What is the climate like where you live? And what was the climate like in your area thousands of years ago? You will need to talk with your teacher to find out about the long-term weather patterns that have made up your area's climate. In your poster, show the typical climate where you live now and how it was 100,000 years ago.

Essay Contest (students in grades 6-9)

"Climate Connections"

Earth science is all about the interactions among Earth's systems: geosphere, hydrosphere, atmosphere, and biosphere. These systems work together to produce Earth's various climatic regions. Write an essay exploring the ways climate interacts with Earth's systems in your area. What impact does climate have on each system? How do these systems influence climate?

The first-place prize for each contest is \$300 and a copy of AGI's "Faces of Earth" 2-DVD package.

All entries are due by the Friday of Earth Science Week, Oct. 16, 2009.

[Complete Details](#)

Part of the NC Department of Environment and Natural Resources.

NORTHERN CALIFORNIA GEOLOGICAL SOCIETY



The Northern California Geological Society is a non-profit organization for the promotion of geology, theoretical and applied, and related fields of natural and technological sciences.



[About the NCGS](#)



[NCGS Calendar: Meetings, Field Trips, and Other Events](#)



[NCGS Publications](#)



[Membership and Membership Forms](#)



[Pictures From Events](#)

Postings To March

2008



[Past Newsletters](#)



[Links to Associated Websites](#)



[Geologic Activities - Get Involved
- Get Informed](#)

USGS Open House - May 2009

AAPG Annual Convention - June

2009

AGI Earth Science Week -

October 2009



NSDL Highlights

<http://expertvoices.nsdl.org/highlights/2009/09/21/get-ready-for-national-chemistry-and-national-earth-science-weeks-in-october/>

[Get ready for National Chemistry and National Earth Science Weeks in October](#)

Monday, September 21st, 2009 6:29 pm

Written by: **Robert Payo**

October will be a busy month with opportunities to participate in [National Earth Science Week](#), October 11-17 and [National Chemistry Week](#), October 18-24. Both weeks consist of national and local events, speakers, activities for the classroom, and additional materials for the educator. Earth Science Week is sponsored by the [American Geological Institute](#). This year's earth science theme will be "Understanding Climate". Chemistry Week is sponsored by the [American Chemical Society](#) with the theme, "Chemistry's Essential Elements".

Posted in Topics: [General](#), [Science](#)

These icons link to social bookmarking sites where readers can share and discover new web pages.

NSDL Expert Voices

<http://expertvoices.nsdl.org/learningdigitalk12/2009/09/22/a-short-list-of-activities-for-earth-science-week/>

[A Short List of Activities for Earth Science Week](#)

Tuesday, September 22nd, 2009 12:07 pm

Written by: **Robert Payo**

Here's a short list of activities you can do to celebrate [National Earth Science Week](#) (Oct 11-17) with your students:

<http://www.earthscienceweek.org/for-teachers/activities.html>

Activities are listed by grade level and content standards. This list is provided by [The American Geological Institute](#), AGI.

Want more? Try the [NSDL Science Literacy Maps](#) to find NSDL resources using science benchmarks around earth science ideas at different grade levels.



NSDL Expert Voices

<http://expertvoices.nsdl.org/polar/2009/09/26/climate-is-the-theme-of-2009-earth-science-week/>

[Climate Is the Theme of 2009 Earth Science Week](#)

Saturday, September 26th, 2009 1:00 am

Written by: **Carolyn Hamilton**

Earth Science Week, sponsored annually by the American Geological Institute, promotes scientific understanding of a timely topic. For this year's event (October 11-17), the topic is our climate.

Background information, activities, events, and more are planned for all age groups. The [Earth Science Week web site](#) provides links to resources for teachers, students, and participating geoscientists. subscription to a newsletter (Earth Science Week Update), and sources of posters and other materials.

The [Earth Science Week Toolkit](#) contains a variety of resources, including posters, DVDs and CDs, news about contests for young people, activity sheets, and climate literacy materials provided by the National Oceanic and Atmospheric Administration.

Single orders of the toolkit are \$6.95. Bulk orders of 10 copies or more may be provided at a discount rate.

You can keep up with news about the October event by joining the Earth Science Week fan page on Facebook.

Posted in Topics: [Education](#), [Polar News & Notes](#), [Upcoming Opportunities](#)

These icons link to social bookmarking sites where readers can share and discover new web pages.

NSTA

http://www.nsta.org/publications/calendar/default.aspx?event_ID=5517

NSTA Calendar

Science Education Events and Programs

Viewing events starting: to

See Also: [currently ongoing events](#)

Click on an event/program title to open its web page.

Oct 11 – Oct 17, 2009

[Earth Science Week 2009](#)

The American Geological Institute (AGI) holds this event to promote public and professional awareness of the status of Earth science in education and society. Classroom... [\[view full description\]](#)

The American Geological Institute (AGI) holds this event to promote public and professional awareness of the status of Earth science in education and society. Classroom activity ideas and resources in conjunction with the theme are available online.

[\[hide full description\]](#)

CATEGORY: Science/Education Events

GRADE LEVEL: Elementary School, Middle School, High School, College



NSTA Science Matters

June 2009

<http://bap.nsta.org/Content/Information/NewsLetters/2009/06.aspx>

Earth Science Week 2009 “Understanding Climate” Contests

The American Geological institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2009, “Understanding Climate,” October 11–17. All U.S. residents are encouraged to enter “How Climate Shapes my World” – this year’s Earth Science Week photography contest. Entrants should use their cameras to capture an image that best represents the climate in their local environs.

Students in grades K-5 are eligible to enter the visual arts contest, “The Climate Where I Live.” Submissions should illustrate not only what the climate is like today in your town, but what it was like 100,000 years ago. The essay contest “Climate Connections,” is open to students in grades 6–9. Submissions should focus on how climate interacts with all of the earth systems in their community and how those earth systems in turn influence climate.

To learn more about Earth Science Week and these contests, visit www.earthsciweek.org/contests.

Ohio Department of Natural Resources

http://www.dnr.state.oh.us/ODGS_Content/UpcomingEvents/tabid/7914/Default.aspx

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Mailing Address:
Ohio Department of Natural Resources
Division of Geological Survey
2045 Morse Rd., Bldg. C-1
Columbus, OH 43229-6693


Telephone: (614) 265-6576
FAX: (614) 447-1918

Email:
geo.survey@dnr.state.oh.us

Earthquake Contact:
Michael C. Hansen
OhioSeis Network Coordinator
(740) 548-5979
ohioseis@dnr.state.oh.us


Location Map

UPCOMING
EVENTS



2009 Annual Meetings and Conferences

- [International Year of Planet Earth, 2007-2009](#)
- [Geological Society of America, North-Central Section](#), April 2-3
- [Ohio Academy of Science](#), April 17-18
- [State Science Day](#), May 9
- [Digital Mapping Techniques](#), May 10-13
- [American Association of Petroleum Geologists](#), June 7-10
- [North American Paleontological Convention](#), June 21-26
- [ESRI International User Conference](#), July 13-17
- [Ohio State Fair](#), July 29-August 9
- [American Association of Petroleum Geologists, Eastern Section](#), September 20-22
- [American Institute of Professional Geologists](#), October 3-7
- [45th Forum on the Geology of Industrial Minerals](#), October 4-6
 - [Information Flyer](#) [pdf]
 - [Registration Form](#) [pdf]
- [National Earth Science Week](#), October 11-17
- [Geological Society of America](#), October 18-21
- [Ohio Aggregates & Industrial Minerals Association](#), November 19-20



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Ohio Earth Science Teachers Association

<http://www.oesta.org/index.html>

OESTA is a State Chapter of the National Earth Science Teachers Association (NESTA).

To read our position paper on Earth and Space Science Education, [click here](#).



Please contact Kerri Matheny for items to add to this website at kerri.matheny@gmail.com

Earth Science Week is October 11-17, 2009

"Understanding Climate"

For more information, go to:

<http://www.earthsciweek.org/>



Ohio's State Fossil- *Isotelus Maximus*

Ohio Game Fishing

<http://www.ohiogamefishing.com/community/showthread.php?p=896502>



[Ohio Game Fishing Community](#) > [OGF Site Related](#)
[Discussions](#) > [ODNR & WKYC News Feeds](#)
Governor Strickland, ODNR Encourage Celebration of Earth Science Week in Ohio

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10-01-2009, 09:20 AM #1

[Ohio News RSS](#)
Ohio News RSS Feeder
Join Date: Feb 2008
Posts: 939
iTrader: 0 / 0%

Governor Strickland, ODNR Encourage Celebration of Earth Science Week in Ohio
10/01/09 Ohio Governor Ted Strickland has declared October 11-17 as Earth Science Week in Ohio to help raise awareness of how earth sciences impact Ohioans' daily lives.
[More...](#)

[QUOTE](#)

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Ohio Geological Survey

<http://www.dnr.state.oh.us/tabid/7914/Default.aspx>

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Mailing Address:
Ohio Department of Natural Resources
Division of Geological Survey
2045 Morse Rd., Rm. C-1
Columbus, OH 43229-0293


Telephone: (614) 251-6106
FAX: (614) 197-1038


Email:
geo.survey@dnr.state.oh.us

Earthquake Contact:
Michael C. Hanson
OhioSeis Network Coordinator
(740) 546-5995
michael.hanson@dnr.state.oh.us

Location Map

UPCOMING
EVENTS





Ohio Celebrates Earth Science Week
October 11-17, 2009

Sponsored by the American Geological Institute, the theme for **National Earth Science Week 2009** is "Understanding Climate." Several Ohio organizations will hold Earth Science Week activities open to the public. If you know of activities around Ohio other than those listed, please contact the Division of Geological Survey using the information at the left of the screen.

The earth sciences are important to all Ohioans. What are you going to do to celebrate Earth Science Week?

- **Metro Parks: Highbanks Park** - Earth Science Day, October 11, Delaware. The Division of Geological Survey will have staff members on site to answer questions and provide more information on Ohio geology, topography, environment, and other earth science topics.
- **The Ohio Statehouse** - Earth Science Week Fossil Tour, October 16, Columbus. Guidebook 6, **Guide to the Building Stones of Downtown Columbus: A Walking Tour**, offers information that will be useful during this geological tour of the Ohio Statehouse.
- **Cleveland Museum of Natural History** - Earth Science Day, October 17. This event is sponsored by the Cleveland Geological Society.
- **COSI - Backyard Science Day**, October 17, Columbus. The Center of Science and Industry will host numerous activities to help children and their parents learn about identifying backyard items from fossils and rocks to plants, animals, and weather patterns.
- **Boonshoft Museum of Discovery** - October 11-17, Dayton. Boonshoft Museum of Discovery invites you to take part in its Earth Science Week 2009 events, which will encourage citizens to explore the natural world and learn about the geosciences.
- **Self-guided walking tours** - The ODNR Division of Geological Survey has information available for citizens to conduct self-guided walking tours to learn more about the geology of the public squares of Cincinnati, Cleveland, and Columbus. [Click here](#) for more information.

2-256

Oklahoma Science Teachers Association

<http://www.oklahomascienceteachersassociation.org/?p=1270>

[OSTA](#)

Oklahoma Science Teachers Association

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-

2009 EARTH SCIENCE WEEK TOOLKITS NOW AVAILABLE

The Earth Science Week 2009 (October 11-17) Toolkit enables students, educators, and the public to fully explore this year's theme "Understanding Climate." The latest edition of this resource is now available through the American Geological Institute (AGI). It contains a 12-month school-activity calendar and classroom poster provided by AGI, its Member Societies, and other organizations. Along with these traditional Earth Science Week publications, this year's Toolkit features a variety of educational climate resources from the U.S. Geological Survey (USGS), NASA, and the National Oceanic and Atmospheric Administration (NOAA). A report on the "Ecological Impacts of Climate Change" and a new brochure outlining principles for Earth Science literacy are also included. Multimedia features this year include NASA's "Dynamic EARTH" DVD-ROM and a CD-ROM on GIS technology from ESRI. Additional informational materials within the kits include a National Park Service poster highlighting the nation's glaciers and literature on the National Wildlife Refuge System. Like years past, the 2009 Toolkit contains a genuine field notebook from Rite in the Rain. These items and much more make the Earth Science Week Toolkit ideal for engaging students and general public to explore the geosciences. The Toolkits are available for the cost of shipping and handling and bulk pricing is available. Find out more at www.earthsciweek.org/materials.

[Earth Science Week](#) is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by Triangle Coalition member, the American Geological Institute (AGI), with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation. [AGI](#) is a nonprofit federation of 45 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists, and other earth scientists.

This entry was posted on Wednesday, July 29th, 2009 at 7:23 pm and is filed under [Opportunities](#). You can follow any responses to this entry through the [RSS 2.0](#) feed. You can [leave a response](#), or [trackback](#) from your own site.

« [TEACHERS' EVOLUTION WORKSHOP](#)

Oklahoma Science Teacher's Association

<http://www.oklahomascienceteachersassociation.org/?p=1466>

Earth Science Week

Now is the time to make plans for Earth Science Week, held Oct. 11-17, 2009. The 12th annual Earth Science Week will celebrate the theme *Understanding Climate* with a wide range of exciting activities, programs, and resources designed to help young people understand the large-scale weather patterns that make up climate.

Dig up fossil evidence of past life, record observations of cloud patterns, or visit science centers and parks. Conduct activities described on the Earth Science Week website at <http://www.earthsciweek.org/forteachers/index.html>.

For more ideas, see recommendations at <http://www.earthsciweek.org/forplanners/index.html>.

To learn more or to order an Earth Science Week 2009 Toolkit, visit the event website at <http://www.earthsciweek.org>.

Oklahoma Science Teachers Association

<http://www.oklahomascienceteachersassociation.org/?p=1516>

[OSTA](#)

Oklahoma Science Teachers Association

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[Earth Science Week 2009](#)

“Understanding Climate”

AGI invites you to take part in [Earth Science Week 2009](#)! Being held October 11-17, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the geosciences.

“Understanding Climate,” the theme of Earth Science Week 2009, will promote scientific understanding of a timely, vital topic: Earth’s climate.



AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, NASA, the National Park Service, the AAPG Foundation, and other geoscience groups.

What’s New?

During Earth Science Week, NASA will release five short educational videos, all part of a series entitled “Tides of Change.” The videos will be posted at <http://climate.nasa.gov/esw>. Navigating to NASA’s ESW Webpage will also link you to many multimedia and K-12 educational resources.

Oregon NASA Space Grant Consortium Blog

<http://oregonspacegrant.wordpress.com/2009/06/10/earth-science-week-2009-contests-for-k-12-students-deadline-october-16-2009/>



Educational Resources Blog

OREGON NASA SPACE GRANT CONSORTIUM

Please visit our main website at <http://spacegrant.oregonstate.edu> for more information on programs supporting Science, Technology, Engineering, and Mathematics (STEM) education in Oregon.

SEARCH:

INTERESTED IN OUR NEWSLETTER?

Please send an email using the link below to sign up for our monthly newsletter.

[> SEND ME THE NEWSLETTER](#)

EARTH SCIENCE WEEK 2009 CONTESTS FOR K-12 STUDENTS – DEADLINE OCTOBER 16, 2009

June 10, 2009, 9:11 am
Filed under: [Competitions](#), [Contest](#), [Environmental Science](#), [K-12](#), [STEM](#), [Science](#), [Student Opportunities](#)

Students may want to start work now on their entries for the Earth Science Week 2009 competitions in photography, visual arts and essay. The photography competition is also open to the general public.

The deadline to enter is Oct. 16. First prize for each contest is \$300 and a copy of the American Geological Institute's two-disk DVD package, Faces of Earth.

For more information, go to <http://www.earthsciweek.org/contests/>

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OSIR.org

<http://osir.org.in/data/earth/2009/01/28/wwwosirorgin-earth-science-week-3/>

www.OSIR.org.in

OSIR on quest of Scientific Research and Development

« [Environment Class \(System\) \(Www.OSIR.org.in\)](#)

[Institute of aerodynamics - TU Munich \(Www.OSIR.org.in\)](#) »

Www.OSIR.org.in - Earth Science Week

Earth science education event in October of each year. Web site features educational activities, geology questions and answers, and links to other geologic education resources.

Source: www.earthsciweek.org

This entry was posted on Saturday, November 8th, 2008 at 9:15 pm and is filed under [earth](#). You can follow any responses to this entry through the [RSS 2.0](#) feed. You can [leave a response](#), or [trackback](#) from your own site.

Penn State TESSE

<http://www.personal.psu.edu/uxg3/blogs/pennstatettesse/science-celebrations/>

Penn State TESSE (Transforming Earth System Science Education)

A site to help teachers bring Earth system science through inquiry-based activities to students

Recently in *Science Celebrations* Category

Academic year science celebrations

By [DR. LAURA GUERTIN](#) on June 29, 2008 9:59 AM | [Permalink](#)

The National Earth Science Teachers Association (NESTA) has an [Earth and Space Science calendar](#) that will show you when important events have or will happen, such as volcanic eruptions, and anniversaries of important discoveries and birthdays of famous scientists.

The following is a listing of science celebrations that occur during the school year. Each of these science days allows for the development of inquiry-based activities and connection to a global community.

[World Water Monitoring Day](#) - World Water Monitoring Day is an international education and outreach program that builds public awareness and involvement in protecting water resources around the world by engaging citizens to conduct basic monitoring of their local water bodies. The month-long program kicks off each year on September 18 with a data entry deadline of December 18.

[Earth Science Week](#) - AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, NASA, the National Park Service, the AAPG Foundation, and other geoscience groups.

[National Chemistry Week](#) - National Chemistry Week (NCW) is a community-based annual event that unites ACS local sections, businesses, schools, and individuals in communicating the importance of chemistry to our quality of life.

[GIS Day](#) - GIS Day provides an international forum for users of geographic information systems (GIS) technology to demonstrate real-world applications that are making a difference in our society. More than 80 countries will participate in holding local events such as corporate open houses, hands-on workshops, community expos, school assemblies, and more. The celebration typically occurs mid-November.

[Darwin Day](#) - Darwin Day is an international celebration of science and humanity held on or around February 12, the day that Charles Darwin was born on in 1809.

[Pi Day](#) - Pi, Greek letter (π), is the symbol for the ratio of the circumference of a circle to its diameter. $\pi = 3.1415926535...$ and with the use of computers, Pi has been calculated to over 1 trillion digits past the decimal. Pi is an irrational number meaning it will continue infinitely without repeating. Pi Day is celebrated by math enthusiasts around the world on March 14th. Pi Day activities are meant to enrich and deepen students' understanding of the concept of Pi. Activities might include investigations of the value of pi, special pi projects, and parties with pizza or other kinds of "pi." Links to lots of activities can be found online at the Pi Day website.

[BioBlitz](#) - a biodiversity survey. The dates vary by location, but the BioBlitz is typically held in the month of May.

ProTeacher.com

<http://www.proteacher.com/cgi-bin/outside/site.cgi?external=http://nesen.unl.edu/>



University of Nebraska-Lincoln

Nebraska Earth Systems Education Network School of Natural Resources

Teaching Earth Science Together



In the News

[Satellite Measurements Help Reveal Ozone Damage to Important Crops](http://www.nasa.gov/topics/earth/features/soybeans.html) (<http://www.nasa.gov/topics/earth/features/soybeans.html>) (posted 05/29/09)

[Ground Truths: Predicting the 'Big One'](http://news.bbc.co.uk/2/hi/science/nature/8073293.stm) (<http://news.bbc.co.uk/2/hi/science/nature/8073293.stm>) (posted 05/29/09)

[Huge Mars Region Shaped by Water, Rover Mission Finds](http://news.nationalgeographic.com/news/2009/05/090521-mars-rover-victoria-crater.html) (<http://news.nationalgeographic.com/news/2009/05/090521-mars-rover-victoria-crater.html>) (posted 05/29/09)

[Forum Says Climate Shift Brings Death](http://www.nytimes.com/2009/05/29/science/earth/29climate.html?_r=1&ref=science) (http://www.nytimes.com/2009/05/29/science/earth/29climate.html?_r=1&ref=science) (posted 05/29/09)

Featured Earth Science Web Sites

[Astronomy](#) ([ScienceResources/LinksAstronomy.asp](#))

[Atmosphere](#) ([ScienceResources/LinkAtmosphere.asp](#))

[Biosphere](#) ([ScienceResources/LinkBiosphere.asp](#))

[Geosphere](#) ([ScienceResources/LinksGeosphere.asp](#))

[Hydrosphere](#) ([ScienceResources/LinksHydrosphere.asp](#))

[The American Geological Institute](#) (<http://www.agiweb.org/>)

[NSDL -- the Nation's Online Library for Education and Research in Science, Technology, Engineering, Mathematics.](#) (<http://nsdl.org/>)

[National Geographic Kids: An Interactive Website!](#) (<http://kids.nationalgeographic.com/>)

Upcoming Events

["View Atmosphere From Space - A Workshop for Teachers](#) ([Downloads/summer-workshop-flier-2.pdf](#)) *{registration closed}* (pdf, posted 03/12/09)

[Top Stars: Educators Invited to Submit Examples of Inspiring Uses of Hubble in Education.](#) ([MiscWeeklyNews/notes/Top Stars.pdf](#)) (pdf, posted 04/15/09)

[Earth Science Week 2009 Competition](#) ([MiscWeeklyNews/notes/ESW2009Competition.pdf](#)) (pdf, posted 05/26/09)

Science Current Events Blog

<http://sciencecurrentevent.org/2009/06/10/earth-science-week-2009-contests-for-k-12-students-deadline-october-16-2009/>

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[earth science week 2009 contests for k-12 students - deadline october 16, 2009 - Download Here!](#) [earth](#)

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[earth science week 2009 contests for k-12 students - deadline october 16, 2009 All about earth science week 2009 contests for k-12 students - deadline october 16, 2009 at our web book.](#)

[Going.com - Your Resource For Local Entertainment Parties, nightlife, concerts, arts. Check Going.com to find out what's happening in your city, and who's going!](#)

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[CraveOnline: All That males love is Crave Online. Film, TV, Music, Gaming, Comics, Sports, Cars, Gear, Funny & Sexy Videos. Original interviews, reviews, & features.](#)

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Earth Science Week 2009 Contests for K-12 Students - Deadline October 16, 2009

Students may want to start work now on their entries for the Earth Science Week 2009 competitions in

This entry was posted on Wednesday, June 10th, 2009 at 8:11 am and is filed under [Uncategorized](#). You can follow any responses to this entry through the [RSS 2.0](#) feed. You can [leave a response](#), or [trackback](#) from your own site.

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Science Museum of Minnesota Website

<http://www.smm.org/boghopper/professionaldevelopment/>

**Bog Hopper**

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- Resource Center
- Educator Previews
- Principal of the Year
- Educator Club
- School Catalog
- Warner Nature Center

Professional Development

[Back to Bog Hopper](#)

Professional Development at the Science Museum

The Science Museum of Minnesota is a leader in continuing educators for the educators of our region. Find out the ways in which you can expand the classroom science experience for students of all ages. [Learn More](#)

Earth and environmental science workshops

The [Pisgah Forest Institute](#) (PFI) workshops on Environmental Science provide participants with classroom lessons and activities associated with earth and environmental science topics. Participants learn mineral identification, rock cycles and formation, geological time scales, water and air quality, weather, human environmental effects, plants, animals and other species in Pisgah National Forest, in North Carolina. Workshops on Earth and Environmental Science themes for K-12 educators are funded primarily by the USDA Forest Service, which allows PFI to provide workshops for free. Registration includes free room and board, free instructional and classroom materials, and a great experience (for free!) with other dedicated educators. **The deadline for application is July 7, 2009.** Find more details on the PFI website.

Earth Science Week 2009

[Earth Science Week 2009](#), sponsored by the American Geological Institute (AGI), will be held October 11-17 to encourage people everywhere to explore the natural world and learn about the geosciences. "Understanding Climate," the theme of Earth Science Week 2009, will promote scientific understanding of Earth's climate. Order an Earth Science Kit and subscribe to a free E-newsletter on the [Earth Science Week 2009](#) website.

Climate Discovery

The [National Center for Atmospheric Research](#) (NCAR) offers a series of seven-week online courses for middle and high school teachers that combine geoscience content, information about current climate research, easy-to-implement hands-on activities, and group discussion. The fee is \$225 per course. The fall term runs from September 18 to November 1, 2009. The three courses offered this fall include: *Introduction to Earth's Climate*, *Earth System Science*, and *Understanding Climate Change Today*. Check out the NCAR website for more information.

Sciencestage.com

http://sciencestage.com/resources/nasa-earth-science-week-melting-ice-rising-seas?utm_source=ScienceStage.com

NASA | Earth Science Week: Melting Ice, Rising Seas

[NASA | Earth Science Week: Melting Ice, Rising Seas](#)

"Melting Ice, Rising Seas" is Episode 5 in the six-part series "Tides of Change", exploring amazing NASA ocean science to celebrate Earth Science Week 2009.

To find out more visit <http://climate.nasa.gov/esw>

Want more? Subscribe to NASA on iTunes! <http://phobos.apple.com/WebObjects/MZStore.woa/wa/viewPodcast?id=283424434>

Or get tweeted by NASA: <http://twitter.com/NASAGoddard>

Sea level rise is an indicator that our planet is warming. Much of the world's population lives on or near the coast, and rising seas are something worth watching. Sea level can rise for two reasons, both linked to a warming planet. When ice on land, such as mountain glaciers or the ice sheets of Greenland or Antarctica, melt, that water contributes to sea level rise. And when our oceans get warmer - another indicator of climate change - the water expands, also making sea level higher. Using satellites, lasers, and radar in space, and dedicated researchers on the ground, NASA is studying the Earth's ice and water to better understand how sea level rise might affect us all.

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Science.educationa7.com

<http://science.educationa7.com/?p=3683>

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[WELCOME TO EARTH SCIENCE WEEK 2009](#)

Posted on 10. Oct, 2009 by in [Science](#)

This year Earth **Science** Week is Oct 11-17. The week includes a 20th anniversary of a Loma Prieta (World Series) earthquake, as well as which will parent a little activities. See what your state is you do during earthsciweek.org. ...

Tags: [20th-anniversary](#), [children](#), [earth-day](#), [earth-science-literacy](#), [identify-rocks](#), [loma-prieta](#), [raising-public-awareness](#), [Science](#)

Science4all Blog

<http://teachscience4all.wordpress.com/2009/10/14/earth-science-week-2009/>

Earth Science Week 2009

Posted on October 14, 2009 by science_4_all



Well, I just realized that October 11-17, 2009 is Earth Science week. If you forgot about Earth Science week as well and are rushing out to get someone a belated Earth Science Week card- never fear!

[Earthsciweek.org](http://earthsciweek.org), sponsored by the [American Geological Institute](http://www.agiweb.org), has all of your Earth Science Week needs covered. The [For Teachers](#) page has Classroom Activities, contests, events near you, and resources for this year's theme- [Understanding Climate](#).

Download NOAA's Climate Literacy Guide [HERE](#).

Applications for Science Teachers: Any K-12 teacher of an Earth science course, unit, or lesson will find connections to many different resources here. This site links teachers to much more than just Earth Science Week supports. There are some wonderful climate resources as well. Don't take Earth Science Week for granite. Take some time to "dig" around.

Filed under: [Earth/Space science](#), [K-12 General Science](#)

« [Science PLC & Teacher Leadership wiki](#) [Tools for Ambitious Science Teaching](#) »

Scienceboom.com

<http://scienceboom.com/246/upcoming-opportunities-for-teachers.htm>

Upcoming Opportunities for Teachers

No Comments

By [Michael Doig](#) on Friday, September 25, 2009

Filed Under: [News](#), [Professional Development](#)

Hiwdy! It looks like you're new here, you may want to subscribe to our [RSS feed](#). As a subscriber you will receive the ["101 Science Misconceptions"](#) eBook free.

Earth Science Week 2009 Photography Contest



Grab your digital camera and go shoot some pictures this weekend. The photography contest is titled *OHow Climate Shapes My World o*. Snap the winning picture and win \$300.

Searkscience Website

<http://searkscience.webs.com/eventsgrants.htm>

INQUIRING MINDS WANT TO KNOW!

ENGAGE, EXPLORE, THEN EXPLAIN

SCIENTIFIC CELEBRATIONS

<http://www.google.com/calendar/embed?src=lori.cingolani%40se2.k12.ar.us&tz=America/Chicago>

EARTH SCIENCE RELATED

U.S. Earth Science Week	

Celebrate World Space Week

To learn more about World Space Week, search for events in your area and find educational materials related to the event, visit

<http://www.worldspaceweek.org/index.html> (<http://www.worldspaceweek.org/index.html>)

Celebrate Earth Science Week

The American Geological Society hosts Earth Science Week, in cooperation with sponsors, as a service to the public and the geoscience community. The event is supported by NASA, the U.S. Geological Survey, the National Park Service, the AAPG Foundation and other geoscience groups.

For more information, visit <http://www.earthsciweek.org/> (<http://www.earthsciweek.org/>) If you have any questions about this event, please e-mail info@earthsciweek.org (<mailto:info@earthsciweek.org>)

ENGINEERING

SEED Blog

http://scienceblogs.com/seed/2009/10/the_buzz_earth_science_week.php



Last week, ScienceBloggers celebrated Earth Science Week with a flood of geocentric posts. This year's theme this was Understanding Climate, and was the basis for a whole host of events in the coming days. Tuesday was No Child Left Inside Day, dedicated to taking kids outside to learn and play. If you weren't able to take kids outside, Kim Hannula at All of My Faults Are Stress Related provided an alternative: Donate to the [Geobloggers Giving Kids the Earth challenge](#) on DonorsChoose.org. Anne at Highly Allochthonous hand selected five classroom projects for funding, and Anne and Chris will thank donors by taking requests for future post topics. Later on in the week, Blog Action Day and Women in the Geosciences Day took place on Thursday. Women in the Geosciences Day was celebrated on Sciencewomen with "some cool videos of women earth scientists and how they are working to improve the diversity and representation of women in atmospheric science."

- [It's Earth Science Week](#) on All Of My Faults are Stress Related
- [A challenge for Earth Science Week](#) on Highly Allochthonous
- [Two cool videos about women atmospheric scientists helping diversify and strengthen their field](#) on Sciencewomen

Find more posts in: [🌍Physical Science🌍Environment](#)

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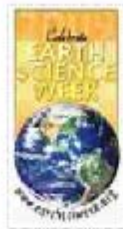
Be the first to rate this [?]

Serendipity is Sweet Blog

<http://www.serendipityissweet.com/2009/09/earth-science-week-contests-and.html>

Tuesday, September 15, 2009

Earth Science Week Contests and Information



Celebrate Earth Science Week

Since October 1965, the American Geological Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage ownership of the Earth. This year's **Earth Science Week** will be held from October 11-17 and will celebrate the theme "Understanding Climate." Take part in the following contests to celebrate Earth Science Week.

- * Photography Contest: *Off the Climate, Steps to My World*
- * Visual Arts Contest: *Off the Climate Where I Live*
- * Essay Contest: *Off Climate Connections*
- * International Year of Planet Earth & Earth Science Week 2009
- Photography Contest: "Exploring Earth Science Around the World"

Earth Science Week 2009 Photography Contest - Open to All Ages

The American Geological Society is sponsoring a photography contest to celebrate Earth Science Week 2009. Photographers should focus on the topic *Off the Climate Steps My World*. The contest is open to any resident of the United States. Participants should submit a picture that best represents the climate in their area. Entries may be submitted electronically or by mail. Only one entry will be accepted per person. The deadline for submitting photos is Oct. 15, 2009.

* <http://www.earthweek.org/contests/photography/index.html>

Earth Science Week 2009 Visual Arts Contest - Open to Students in Grades K-5

The American Geological Society is sponsoring a visual arts contest to celebrate Earth Science Week 2009. Artwork should focus on the topic *Off the Climate Where I Live*. The contest is open to students in grades K-5 who are residents of the United States. Participants should submit an original two-dimensional visual arts project that best represents the climate in their area. Entries must be submitted by mail. The deadline for submitting entries is Oct. 16, 2009.

"I
homeschool
because I've
seen the
village and I
don't want it
ruining my
children."

Q with us, comments,
compliments? You can reach
me at
nellysbrich@gmail.com
Bianca

ABOUT ME



bornatoborn

I am a homeschooling mom of 3 fabulous little people. My daughter is an energetic, creative wild man who has bravely embarked on this homeschooling journey with me. Along for the ride are dd, 4, and ds 20 mcs. I have been married to a wonderfully supportive husband for 14 years. He's the one that makes all our dreams possible. Our newest addition, Bella, is a sweet floppy-eared great dane pup. We are eclectic in our learning styles and have (pretty heavily at this point) toward unschooling. We are enjoying our journey together and look forward to new adventures and sharing them here.



[View my complete profile](#)

QUOTE OF THE DAY

What words say the

Sloan Career Cornerstone Center

<http://www.careercornerstone.org/geosciences/geosci.htm>

Professional Organizations: Resources, Networking, Support	
Careers for Geoscientists Video: 42 minutes, introduces the breadth of scope of the geosciences: atmosphere, oceans, and the solid-Earth	
Podcast: Overview of Geosciences	
Internet Resources: <ul style="list-style-type: none">▶ American Association of Petroleum Geologists▶ American Geological Institute▶ AGI Geoscience Currents▶ Association for Women Geoscientists▶ Digital Library for Earth System Education▶ Earth Science Week▶ Earth Science World▶ Geological Association of Canada	

Note: Some resources in this section are provided by the [American Geological Institute](#) and the US Department of Labor, [Bureau of Labor Statistics](#).

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Society of Exploration Geophysicists

http://www.seg.org/SEGportalWEBproject/portals/SEG_Online.portal?_nfpb=true&_pageLabel=pg_gen_content&Doc_Url=prod/SEG-Students/Students-Teachers-Volunteers/Teachers-Volunteers-Earth-Science-Week/earthsciweek.htm

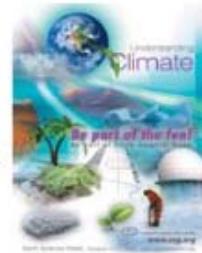
SEG is a proud to sponsor Earth Science Week

Earth Science Week is an annual event held the second week of October to promote an understanding and appreciation of the earth sciences. It is organized annually by AGI with support from a number of other geoscience organizations, including the U.S. Geological Survey, NASA, National Park Service, and the American Association of Petroleum Geologists Foundation.

To learn more about this event, please visit [the Earth Science Web site](#). You can also [download the poster \(1.1mb PDF\)](#) here.

Each year, AGI edits a Toolkit that enables students, educators, and the public to fully explore this year's theme "Understanding Climate."

[Toolkits are available here.](#)



Soil Science Society of America

<https://www.soils.org/meetings>

Branch/Chapter Meetings

- [Southern Branch of the American Society of Agronomy](#), February 6-9, 2010, Orlando, FL
- [Students of Agronomy, Crops, Soils, and Environmental Sciences](#), Spring 2010 - dates to be announced, West Lafayette, IN, hosted by Purdue



Society-Sponsored Symposia and Conferences

Online seminar, "Climate Change, Carbon Sequestration, Green House Gases, What Does It All Mean, and What Will Agriculture's Role Be?" **Aug 12,**

online **Registration Now Open**

- [Farming Systems Design Symposium](#), Aug 23-26, Monterey, CA, co-sponsored by ASA.
- [Earth Science Week, "Understanding Climate,"](#) Oct 11-17, sponsored by American Geological Institute and SSSA
- [Young Earth-Scientists Congress](#), in collaboration with the International Year of Planet Earth, Oct 25-28, University of Geosciences, in Beijing, China
- [Collegiate Crops Contest](#), Nov 17, Kansas City; Nov 21, Chicago
- [2010 National Collegiate Soils Contest](#), Celebrating the 50th National Soils

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Fun Things to Do!

Earth Science Week [Go back](#)

Earth Science Week is the second full week of October. For ideas, information and resources go to: <http://www.earthsciweek.org/>

Earth Science Week is sponsored nationally by the American Geologic Institute to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. To this end, the SD Discovery Center has compiled a list of activities, resources and links, including some with state specific information or activities.

- Ask a soil scientist to come speak to your class or group. Contact your local USDA service center for a possible speaker. <http://offices.sc.egov.usda.gov/locator/app>
- Be an Earth Monitor. Contribute data to national surveys of soil moisture or contrail coverage. <http://www.earthsciweek.org/researchproject/index.html>
- For the month of October only: free rental on SD Discovery Center Resources
 - Ground Water model or the smaller JUG (just understanding groundwater) model. Use these models to demonstrate the geology and hydrology of groundwater. You can also demonstrate how pollutants can spread through the ground and contaminate water. http://www.uwsp.edu/stuorg/awra/Groundwater%20Model%20Project/what_is_a_groundwater_model.htm
 - Masters of Disaster - The Masters of Disaster Curriculum Kit contains ready-to-go lesson plans, activities, and demonstrations on disaster-related topics that teachers can incorporate within core subject areas. For example, a teacher can show students how to plot latitude and longitude on a map by using the curriculum's lesson on how to track a hurricane, or

South Dakota Space Grant Webpage

<http://sdspacegrant.sdsmt.edu/EdOpp-K-12.htm>

Other Lessons

» Lesson 5 - How Much Do You Weigh on Other Planets?

»

The "GLOBE" Program (Global Learning and Observations to Benefit the Environment) - **GLOBE** is a worldwide network of students, teachers, and scientists working together to study and understand the global environment. Students and teachers from over 9,500 schools in more than 90 countries are working with research scientists to learn more about our planet. - October 11-17, 2009

»

Earth Science Week 2009 - October 11-17, 2009

»

Southeast Environmental Education

<http://southeastee.org/core/item/page.aspx?s=82861.0.0.22>

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Earth Science Week Contests

AGI is sponsoring three national contests for [Earth Science Week 2009](#). The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.

Photography Contest (open to all ages)

"How Climate Shapes My World"

If you were putting together a travel brochure about your local area, what image would best represent your climate? No matter where you are, your climate affects - and is affected by - air, water, land, and living things. Use your camera to get the best possible "Climate Capture," and submit it to this year's Earth Science Week Photo Contest.



Visual Arts Contest (students in grades K-5)

"The Climate Where I Live"

What is the climate like where you live? And what was the climate like in your area thousands of years ago? You will need to talk with your teacher to find out about the long-term weather patterns that have made up your area's climate. In your poster, show the typical climate where you live now and how it was 100,000 years ago.

Essay Contest (students in grades 6-9)

"Climate Connections"

Earth science is all about the interactions among Earth's systems: geosphere, hydrosphere, atmosphere, and biosphere. These systems work together to produce Earth's various climatic regions. Write an essay exploring the ways climate interacts with Earth's systems in your area. What impact does climate have on each system? How do these systems influence climate?

The first-place prize for each contest is \$300 and a copy of AGI's "Faces of Earth" 2-DVD package.

All entries are due by the Friday of Earth Science Week, Oct. 16, 2009.

[Complete Details](#)

Space Prizes Blog

<http://spaceprizes.blogspot.com/2009/06/space-prize-roundup-june-12-2009.html>

FRIDAY, JUNE 12, 2009

Space Prize Roundup - June 12, 2009



[The Lunar Lander Eggs Prize Video](#) - Omega Envoy at the Google Lunar X PRIZE Teams page

[Earth Science Week 2009 Contests for K-12 Students - Deadline October 16, 2009](#) - Oregon Space Grant Consortium Blog
-Students may want to start work now on their entries for the Earth Science Week 2009 competitions in photography, visual arts and essay.

[World Oceans Day, 3D Design Competition, Britain Archeological](#)

[Site, New Imagery Tour Idea](#) - Google Earth Blog

Spacestation-Shuttle Blog

http://spacestation-shuttle.blogspot.com/2009/10/nasa-celebrates-earth-science-week_15.html

NASA International Space Station Shuttle Mission Science Technology Google Earth Mars Moon

Get latest news on NASA International Space Station Shuttle Missions Google Earth Science Technology Mars Solar System Universe Astronomy Moon Milky Way Planet Earth Satellite Space Telescope Galaxy

Thursday, October 15, 2009

NASA Celebrates Earth Science Week



Every day at [NASA scientists](#) study changes on our home planet, and a significant portion of that study focuses on changes in our oceans. To showcase some of that research, **NASA** is releasing [six short videos](#) in commemoration of **Earth Science Week 2009**. The videos highlight the connection between climate change and our oceans. The theme of **Earth Science Week** (October 11 through 17) this year is "Understanding Climate." The six **NASA videos** complete a series called "Tides of Change," which all focus on the ocean-climate connection. Each video features a specific component of the connection, such as marine life or the water cycle.

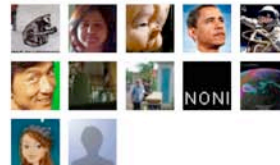
Another highlight of **NASA's Earth Science Week** contributions is a live educational webcast on October 14 at 1 p.m., EDT. Classrooms around the country will participate in this live event that focuses on Earth science discoveries and careers. Two oceanographers will discuss their careers, illustrate **NASA's** unique, space-based view of the oceans and answer participant questions. Watch the webcast [here](#).

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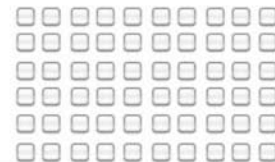
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Earth Science Week

Earth Science Week 2009

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Become a fan of Earth Science Week by ...


Excerpted From: [Earth Science Week](#)

State Geologist of Arizona Blog


<http://arizonageology.blogspot.com/2009/10/blog-action-day-climate-change-from.html>

Arizona Geology

blog of the State Geologist of Arizona



About Me



Lee Allison
lee.allison@azgs.az.gov
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AZGS-managed Websites

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Arizona Oil & Gas Conservation Commission
"Explore Arizona" outdoor information center
Arizona Land Subsidence Group
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Geoblogs All in One Place

Geoblogosphere - News

Arizona blogs

-  **Arrowsmith blog**
Shaking up Earthquake Theory news feature from NATURE
1 week ago
-  **Central Arizona Geology Club**
Happy "birthday," dear planet
1 week ago
-  **Chinleana**
Why I Use Pseudosuchia Instead of Crocrotarsi for the Crocodile-line Archosaurs
14 hours ago
-  **Earthly Musings - Blog Site of Wayne Ranney**
Touring New Mexico With Friends From New York During A Fabulous Fall Season
5 days ago
-  **Geo Slice - AEG Arizona Chapter**
WSDOT's Earthquake Simulation
3 days ago
-  **HiBlog: HIRISE Team Blog**
October 2009 PDS Release
3 weeks ago
-  **Hydro-Logic**
Working on things...
5 days ago

Thursday, October 15, 2009

Blog Action Day: Climate Change from the Arizona perspective



Today is [Blog Action Day '09](#), "an annual event held every October 15 that unites the world's bloggers in posting about the same issue on the same day with the aim of sparking discussion around an issue of global importance." The theme for 2009 is Climate Change, the same theme as Earth Science Week in the U.S. Nearly 10,000 bloggers are participating from 150 countries.

The [predicted impacts](#) of climate change have been well described as particularly severe in the Southwestern US, with warmer temperatures, more droughts, and more episodic rainfall. For many, this still seems to be something in the far off future. But I just saw a sobering article in the journal [Science](#) that caught my attention.

Sustained CO2 levels over 400 ppm during the Miocene period about 20 million years ago, are associated with sea levels 25-40 m (80-130 ft) higher than today.

Jonathan Overpeck ("Peck"), co-director of the Univ. of Arizona's Institute for Earth and the Environment, is one of the co-authors of the 2007 IPCC study that won the Nobel Prize. He is quoted saying, "If anyone still doubts the link between CO2 and climate, they should read this paper."

The [article](#) says the study authors predict we will pass the 400 ppm level within a decade. In the Miocene, that level occurred with temperatures about 3-6C (5-11F) higher than today.

An [article on BBC News](#), notes that the International Energy Agency expect greenhouse gases peaking at 510 ppm equivalent before stabilizing at 450 ppm. Peck however, warns that "We don't know where the critical CO2 or temperature threshold is beyond which ice sheet collapse is inevitable."

So, for all of us desert rats waiting for California to fall into the sea along the San Andreas fault, perhaps a more realistic scenario is the Gulf of California expanding northward into the state as sea level rises. Beach front property either way.

at 2:02 PM 

6 comments:

Jonathan DuHamel said...

It seems that Overpeck and the authors of that study are cherry-pickers. Atmospheric carbon dioxide began to decline in Early Cretaceous time, possibly due to formation of coal. Temperatures didn't begin to decline until about 34 million years ago. If the study went back to only 20 million years ago, naturally there would seem to be a correlation where none exists.

Teach Science and Math

<http://www.teachscienceandmath.com/2009/10/12/earth-science-resources-for-earth-science-week-2009/>

Earth Science: Resources for Earth Science Week 2009

Earth Science Week 2009

"Understanding Climate"

Earth Science Week 2009

Earth Science Week 2009! Being held October 11-17, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the Geo-sciences.

"Understanding Climate," the theme of Earth Science Week 2009, promotes scientific understanding of a timely, vital topic: Earth's climate.

Earth Science Week Resources

[American Geological Society](#) - Newsletter

[Earth Science Week Contests](#) - Photography, Essay, & Visual Arts

[United States Geological Survey](#) - provides scientific information intended to help educate the public about natural resources, natural hazards, geo-spatial data, and issues that affect our quality of life through selected online resources, including lessons, data, maps, and more, to support teaching, learning, education (K-12), and university-level inquiry and research.

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“How Climate Shapes My World”

June 13, 2009 5:23 pm Ed Conti [Deadline Oct 2009](#), [Elementary School](#), [Environment](#), [High School](#), [K-12](#), [Middle School](#), [National Contest](#), [Photography](#)

Photography Contest



If you were putting together a travel brochure about your local area, what image would best represent your climate? No matter where you are, your climate affects - and is affected by - air, water, land, and living things. Use your camera to get the best possible “Climate Capture,” and submit it to this year’s Earth Science Week Photo Contest. AGI is sponsoring a photography contest to celebrate Earth Science Week 2009. The photography theme for this year is: “How Climate Shapes My World.”

Full details: [CLICK HERE](#)

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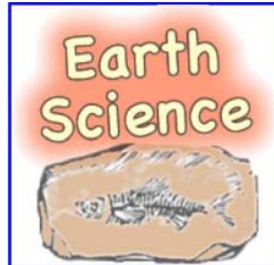
[Teaching with Contests.com](http://teachingwithcontests.com)

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International Year of Planet Earth & Earth Science Week 2009 Photography Contest

June 13, 2009 5:52 pm Ed Conti [Deadline Oct 2009](#), [Elementary School](#), [High School](#), [K-12](#), [Middle School](#), [National Contest](#), [Science](#)



To celebrate the International Year of Planet Earth and Earth Science Week 2009, the American Geological Institute (AGI) is sponsoring a major international photography contest: "Exploring Earth Science Around the World."

To celebrate the International Year of Planet Earth and Earth Science Week 2009, the American Geological Institute (AGI) is sponsoring a major international photography contest: "Exploring Earth Science Around the World."

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2009 Photography Contest

August 7, 2009 6:09 pm Ed Conti [Deadline Oct 2009](#), [K-12](#), [National Contest](#), [Photography](#)



AGI (American Geological Institute) is sponsoring a photography contest to celebrate Earth Science Week 2009. The photography theme for this year is: "How Climate Shapes My World."

Your photograph should focus on the topic "How Climate Shapes My World."

If you were putting together a travel brochure about your local area, what image would best represent your climate? No matter where you are, your climate affects - and is affected by - air, water, land, and living things. Use your camera to get the best possible "Climate Capture," and submit it to this year's Earth Science Week Photo Contest.

Full details: [CLICK HERE](#)

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Technolab

<http://www.technolab.com/2009/11/24/nasa-earth-science-week-the-oceans-green-machines-2/>



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NASA Earth Science Week – The Ocean’s Green Machines

November 24, 2009



“The Ocean’s Green Machines” is Episode 3 in the six-part series “Tides of Change”, exploring amazing NASA ocean science to celebrate Earth Science Week 2009. To find out more visit climate.nasa.gov Want more? Subscribe to NASA on iTunes! phobos.apple.com Or get tweeted by NASA: twitter.com One tiny marine plant makes life on Earth possible: phytoplankton. These microscopic photosynthetic drifters...



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<http://twitter.com/TechnologyLover/statuses/6849195044>

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NASA Earth Science Week – Climate Change & The Global Ocean: “Climate Change and The Global Ocean”.. <http://bit.ly/6BICDN> 7:33 PM Dec 19th from [twitterfeed](#)



Tennessean.com

http://www.tennessean.com/article/D4/20091015/NEWS01/91015010/Earth+Science+Week+at+MTSU+continues+today++Friday

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Earth Science Week at MTSU continues today, Friday

OCTOBER 15, 2009

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During MTSU's Department of Geosciences' campus celebration of Earth Science Week, Melissa Lobegeier and Heather Volker will present "Geoscience as Green Science" at 4:20 p.m. today, in Room 452 of Kirksey Old Main.



[New program can cut credit card debt by 50 percent](#)



[Do you qualify for a credit card bailout?](#)

At 1:50 p.m. Friday, Oct. 16, in Room 452 of Kirksey Old Main, Jonathan Gilligan of Vanderbilt University will discuss the scientific and human impact of climate change. All events are free and open to the public.

For more information, contact Abolins at 615-594-4210 or mabolins@mtsu.edu.

More Nashville Area News Headlines

Potentially lethal grass noses risk to cattle farmers

Texas Bureau of Economic Geology

<http://blogs.utexas.edu/middlehighschool/2009/11/09/bureau-of-economic-geology/>

Tiffany Caudle- Research Scientist Associate/Program Coordinator for Texas High School Coastal Monitoring Program- tiffany.caudle@beg.utexas.edu

Sigrid Clift- Public Information Geologist- sigrid.clift@beg.utexas.edu

What is the Bureau of Economic Geology?

Established in 1909, the Bureau of Economic Geology (BEG), part of the Jackson School of Geosciences, is the oldest research unit at The University of Texas (UT) at Austin. The BEG has several functions such as serving as the State Geological survey, the Regional Lead Organization for the Petroleum Technology Transfer Council, the Managing Organization for the Advanced Energy Consortium, and curating the largest volume of subsurface core cuttings in the United States. The BEG aims to contribute research and advice in the areas of energy and the environment as well as provide outreach efforts to the public, Federal agencies, private foundations, and industry.

BEG has several opportunities for middle and high school students to learn about geology and earth related sciences. These resources include:

- **Texas High School Coastal Monitoring Program (THSCMP):** This program gives high school students and teachers the opportunity to study dune and beach dynamics along the Texas coast. Students and teachers from seven high schools near the coast take field trips three times a year to different areas of the Texas coast. UT Austin scientists teach students and teachers how to measure the topography, map the vegetation line and shoreline, and observe weather and wave conditions. The participants collect real world data that the bureau then uses to analyze the condition of the Texas coast.
- **Texas Earth Science Week (ESW):** This program introduces and promotes careers as earth scientists to middle school students. The Public Information Geologist, Sigrid Clift, recruits and organizes a consortium of organizations that employ earth scientists and focus on earth science issues as part of their mission. The consortium also organizes other events for ESW such as lecture programs and Austin Public Library book drives.
- **K-12 Teacher Workshops:** Sigrid Clift organizes and participates K-12 teacher workshops in order to promote geosciences and the resources available at the BEG, such as the BEG bookstore.
- **GeoFORCE:** The largest college prep program for the earth sciences in the United States, this program rewards selects rising 9th through 12th grade students from 18 South Texas school districts and 26 high schools in Houston ISD by giving them the opportunity to travel around the country to places of geological importance during the summer and learn about geological processes and concepts. More information about this program will appear a separate blog entitled GeoFORCE.
- **Other Community Involvement:** BEG also sponsors numerous field trips in the Austin area to expose students to geological sciences. BEG research scientists also participate in science fair judging. BEG also provides several web resources for students and teachers.

Ultimate Goal

The mission of the education outreach programs is to promote geosciences to students and to provide various resources to teachers in order to promote geosciences and earth related sciences as a career. The THSCMP program also aims to provide high schools students with an inquiry-based learning experience, increased awareness and understanding of coastal processes, and obtain a better understanding of the relationship between coastal processes, beach morphology, and shoreline change in order to formulate solutions for coastal management problems.

How Do These Programs Work?

THSCMP: The high school students take at least three class field trips during the academic year in order to visit several locations and utilize scientific procedures allowing them to make measurements and observations about beach morphology. The following procedures are used to collect accurate data:

1. Students use several instruments to survey a shore-normal beach profile. They use a pre-surveyed point to compare each new profile with earlier ones.
2. Students use Global Positions System (GPS) receiver as they walk along the vegetation line and shoreline in order to map these areas on Geographic Information System software.
3. Students measure and observe wind speed, wind direction, width of the surf zone, and breaker type in order to determine relationships between physical processes and beach changes.

UT scientists visit the schools and dispense information, training, field forms and equipment to teachers as well as provide more insight to students about conducting scientific research.

Texas Space Grant Consortium Design Challenge Flyer

http://www.tsgc.utexas.edu/challenge/PDF/Option_I_EPO_F09.doc

Option Area I - Education and Public Outreach

Participation in Education and Public Outreach [EPO] Activities is encouraged among all NASA Centers and employees as a way to spread excitement about Science, Technology, Engineering and Math [STEM] to the community at large. Option Area I - offers each team the opportunity to get involved on their own and at the same time earn project funding. EPO activities can be conducted with K-12 classrooms, Girl/Boy Scouts, Rotary Club meetings, Museum Events or within the Campus Community.

OPTION AREA I - OUTREACH - DESIGN TEAM RESPONSIBILITIES

- Conduct any STEM-related EPO Activity with an audience. Document the activity in the format specified in "Putting an Outreach Activity Together" section below. Include photos of the team and the audience as documentation. Options include:

- Present, demonstrate or display any STEM-related topic.
- Test a "found" K-12 design activity; or use your own idea.
- Adopt a classroom and visit during the semester.
- Tutor any level of student.
- Participate in an Engineering Fair or **Earth Science Week**.

Make a presentation to a non-academic civic group.

- Conduct a public demonstration to a museum audience.

- Incorporate EPO anytime during the semester.

The Benjamin Banneker Institute for Science and Technology
<http://www.thebannekerinstitute.org/news/earth-science-week-2009>

Earth Science Week 2009

The American Geological Institute (AGI) invites you to take part in Earth Science Week 2009! Being held October 11-17, Earth Science Week 2009 will encourage people everywhere to explore the natural world and learn about the geosciences.

"Understanding Climate", the theme of Earth Science Week 2009, will promote scientific understanding of a timely, vital topic: Earth's climate.

AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, NASA, the National Park Service, the AAPG Foundation, and other geoscience groups.

Be sure to check out all the great resources and activities online at <

<http://www.earthsciweek.org>>. Or, email <info@earthsciweek.org> for more information.

The Geology News Blog

<http://geology.rockbandit.net/2009/02/28/geology-links-for-february-28th-2009/>

Geology Links for February 28th, 2009

Saturday, February 28, 2009 in **General** by **Dave Schumaker** | **No comments**

Links from del.icio.us (<http://del.icio.us/>), tagged with **geology** (<http://del.icio.us/tag/geology/>) for February 28th, 2009:

- [SDSU - Department of Geological Sciences - Google Earth Geology - KMZs](http://www.geology.sdsu.edu/localgeology/getour.html) (<http://www.geology.sdsu.edu/localgeology/getour.html>)
- [Kids.gov - Science - Earth Science - Geology \(Grades 6 - 8\)](http://www.kids.gov/6_8/6_8_science_geology.shtml) (http://www.kids.gov/6_8/6_8_science_geology.shtml)
- [Geological Society of America - Educational K-12 Teacher Resources](http://www.geosociety.org/educate/LessonPlans/l_rocks.htm) (http://www.geosociety.org/educate/LessonPlans/l_rocks.htm)
- [Geology and Education](http://www.geologyshop.co.uk/educat~1.htm) (<http://www.geologyshop.co.uk/educat~1.htm>)
- [Kids Web - Geology](http://www.npac.syr.edu/textbook/kidsweb/geology.html) (<http://www.npac.syr.edu/textbook/kidsweb/geology.html>)
- [Science Examiner: Earth science education lacking - Demand for earth scientists growing](http://www.examiner.com/x-2430-Science-Examiner~v2009m2d28-Earth-science-education-lacking--Demand-for-earth-scientist-growing) (<http://www.examiner.com/x-2430-Science-Examiner~v2009m2d28-Earth-science-education-lacking--Demand-for-earth-scientist-growing>)
- [Richter Magnitude](http://www.seismo.unr.edu/ftp/pub/louie/class/100/magnitude.html) (<http://www.seismo.unr.edu/ftp/pub/louie/class/100/magnitude.html>)
- [USGS Publications Warehouse](http://pubs.er.usgs.gov/) (<http://pubs.er.usgs.gov/>)
- [Geology Rocks — Simple Kids](http://simplekids.net/geology-rocks/) (<http://simplekids.net/geology-rocks/>)
- [Rock and the Rock Cycle](http://www.windows.ucar.edu/tour/link=/earth/geology/rocks_intro.html) (http://www.windows.ucar.edu/tour/link=/earth/geology/rocks_intro.html)
- [ProGEO - Regional Working Group 1, Southeastern Europe](http://www.progeo.se/WG/sydosteuropa/grundsida.html) (<http://www.progeo.se/WG/sydosteuropa/grundsida.html>)
- [GEOSCAN: Publications of the Earth Science Sector, Natural Resources Canada](http://geoscan.ess.nrcan.gc.ca/starweb/geoscan/servlet.starweb) (<http://geoscan.ess.nrcan.gc.ca/starweb/geoscan/servlet.starweb>)
- [Mineralogy Database](http://webmineral.com/) (<http://webmineral.com/>)
- [Igneous Rock Types - Pictures of Igneous Rocks](http://geology.about.com/od/rocks/ig/igrockindex/) (<http://geology.about.com/od/rocks/ig/igrockindex/>)
- [Preschool Science: Resources](http://www.exploratorium.edu/ic/pathfinders/preschool/earthsciencepage.html) (<http://www.exploratorium.edu/ic/pathfinders/preschool/earthsciencepage.html>)
- [Earth science projects & experiments, rocks and minerals, geology for kids, geodes, ecology](http://www.sciencemadesimple.com/rocksandminerals.html) (<http://www.sciencemadesimple.com/rocksandminerals.html>)
- [Geology Activities For Kids: Starting Geology Club](http://www.fossils-facts-and-finds.com/geology_activities.html) (http://www.fossils-facts-and-finds.com/geology_activities.html)
- [Earth Science Week - events in your area](http://www.earthsciweek.org/eventsnearlyou/index.html) (<http://www.earthsciweek.org/eventsnearlyou/index.html>)
- [Teachers Activities for Earth Science & Earth Science Week](http://www.earthsciweek.org/forteachers/classroomactivities.html) (<http://www.earthsciweek.org/forteachers/classroomactivities.html>)
- http://www.earthsciweek.org/forteachers/2008/rockabrasion_cont.html (http://www.earthsciweek.org/forteachers/2008/rockabrasion_cont.html)
- [Project Niu | Nature Imparts Understanding](http://www.projectniu.org/home/frontpage) (<http://www.projectniu.org/home/frontpage>)
- [Geologic Investigations Map I-2800: This Dynamic Planet](http://pubs.usgs.gov/imap/2800/) (<http://pubs.usgs.gov/imap/2800/>)
- [Earth Science Week](http://www.earthsciweek.org/) (<http://www.earthsciweek.org/>)
- [Geology](http://www.kidinfo.com/Science/Geology.html) (<http://www.kidinfo.com/Science/Geology.html>)
- [Ask an Earth-Scientist](http://www.soest.hawaii.edu/GG/ASK/askanerd.html) (<http://www.soest.hawaii.edu/GG/ASK/askanerd.html>)
- [California Division of Mines and Geology: Bulletin 202 - Geology of the Point Reyes Peninsula, Marin County, California](http://www.nps.gov/history/history/online_books/geology/publications/bul/cdmq-bul-202/index.htm) (http://www.nps.gov/history/history/online_books/geology/publications/bul/cdmq-bul-202/index.htm)
- [Building a Baby Earth to Test Its Magnetic Field : NPR](http://www.npr.org/templates/story/story.php?storyId=90947943) (<http://www.npr.org/templates/story/story.php?storyId=90947943>)
- [sediment.jpg \(JPEG Image, 3032x2010 pixels\) - Scaled \(40%\)](http://www.solarviews.com/huge/earth/sediment.jpg) (<http://www.solarviews.com/huge/earth/sediment.jpg>)
- [File:Serpentine-texture.jpg - Wikimedia Commons](http://commons.wikimedia.org/wiki/File:Serpentine-texture.jpg) (<http://commons.wikimedia.org/wiki/File:Serpentine-texture.jpg>)
- <http://web.ics.purdue.edu/~braille/indexlinks/educ.htm> (<http://web.ics.purdue.edu/~braille/indexlinks/educ.htm>)
- [Teaching About Plate Tectonics and Faulting Using Foam Models](http://web.ics.purdue.edu/~braille/edumod/foammod/foammod.htm) (<http://web.ics.purdue.edu/~braille/edumod/foammod/foammod.htm>)
- [Can Earthquakes Be Predicted?](http://tremor.nmt.edu/activities/stick-slip/canpredict.htm#top) (<http://tremor.nmt.edu/activities/stick-slip/canpredict.htm#top>)
- [Sailing stones - Wikipedia, the free encyclopedia](http://en.wikipedia.org/wiki/Sailing_stones) (http://en.wikipedia.org/wiki/Sailing_stones)
- [YouTube - Watch the Line](http://www.youtube.com/watch?v=LS2De3yF4Ps) (<http://www.youtube.com/watch?v=LS2De3yF4Ps>)
- [Scottish Geology Website](http://www.scottishgeology.com/outandabout/geotourism.html) (<http://www.scottishgeology.com/outandabout/geotourism.html>)
- [Drilling in Romania \(geology, geotechnical, water well, etc\)](http://www.ondrill.ro/English-Page.html) (<http://www.ondrill.ro/English-Page.html>)
- [Rocks under the Microscope - Index](http://www.earth.ox.ac.uk/~oesis/micro/index.html) (<http://www.earth.ox.ac.uk/~oesis/micro/index.html>)
- [Smithsonian Institution - Global Volcanism Program: Worldwide Holocene Volcano and Eruption Information](http://www.volcano.si.edu/) (<http://www.volcano.si.edu/>)
- [waterbrings](http://waterbringslife.wordpress.com/2008/10/28/starbucks-and-world-water-crisis/) (<http://waterbringslife.wordpress.com/2008/10/28/starbucks-and-world-water-crisis/>)
- [Global Water](http://www.globalwater.org/) (<http://www.globalwater.org/>)
- [Water Facts](http://www.water.org/waterpartners.aspx?pgID=916) (<http://www.water.org/waterpartners.aspx?pgID=916>)

The Leading Source Blog

<http://leadingsource.asbj.com/2009/10/earth-to-america-listen-up/>



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October 14, 2009

[Earth to America: Listen up](#)



You've got to love the logic of [Earth Science Week](#) — now in its fourth day — and its online brochure [Why Earth Science?](#)

All right, then: "Why Earth Science?"

Answer: "Because we live on Earth."

And, as anyone with a passing familiarity with the news must know, the earth, its forests, oceans, plants, animals — and, yes, people — are all under siege. By us.

The Lovell Chronicle

<http://lovellchronicle.com/Read/AllStories/tabid/754/articleType/ArticleView/articleId/2710/Geology-Day-at-Bighorn-Canyon.aspx>



the lovell chronicle

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Monday, November 02, 2009



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[Geology Day at Bighorn Canyon](#)
[Chronicle 2](#) posted on October 15, 2009 12:14

The beautiful scenery of Bighorn Canyon National Recreation Area is the result of a variety of geological processes. As one of the park's activities during Earth Science Week, the public is invited to gain a better understanding of the canyon during Geology Day on Saturday, Oct. 17, beginning at 9 a.m. at the Bighorn Canyon Visitor Center in Lovell. Park Ranger Jim Staebler will start the day with a short film: The Dynamic Earth – NASA Observes Our Ever-Changing Planet. He will then shift focus to the local level and view the park's new film: The Geology of Bighorn Canyon.

The relief map in the visitor center will orient the group for the day's activities. At 9:45 a.m. the group will car pool and head out to the park. A short walk will take the group to some fossil bearing layers in Sykes Mountain. Visiting Horseshoe Bend will let the group look at the relatively younger formations missing from so much of the canyon. A short hike on the State Line Trail will take trekkers to the rim of the canyon to consider how erosion has played the dominant role in forming the canyon. A visit to the canyon would not be complete without a visit to Devil Canyon Overlook to sum things up.

After the program ends around 1:30 p.m., participants who brought a lunch will walk south along the rim to "The Balcony" to dine with a view of Big Horn Canyon. Participants are asked to bring water, sturdy shoes and sun protection. Ranger Staebler added that after lunch the canyon is available as a marvelous place to spend some more time.

Survey

Have you had the flu?

☐ Yes
☐ No

[Submit Survey](#) [View Results](#)

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The Ohio Channel Website

http://www.ohiochannel.org/your_state/ohio_statehouse/events/calendar/event.cfm?event_id=107872

Earth Science Week Fossil Tour - The Pulse of Earth Science!

Date :

October 16, 2009

Time :

12:00 PM - 01:00 PM

Where :

The Ohio Statehouse

1 Capitol Square

Columbus OH, 43215

Third Street Information Desk

What :

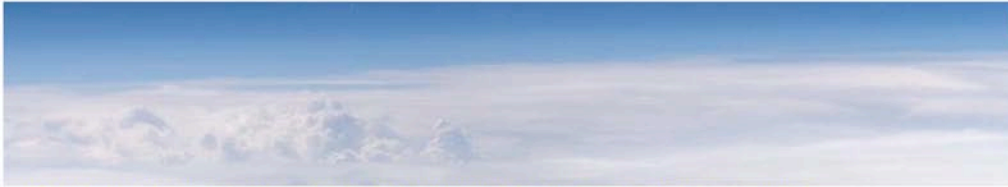
Join us for Earth Science Week and a Statehouse Fossils Tour--a Geology tour of the Statehouse. Ohio State University experts will discuss the "Building Stones of Capitol Square." For more information, visit www.earthsciweek.org. To reserve your free spot, call 614/728-2695.

The Way Things Break Blog

<http://thingsbreak.wordpress.com/2009/10/12/happy-earth-science-week/>

[The Way Things Break](#)

- [Front Page](#)
- [Open Source Climate Science Education](#)
- [Books of Interest](#)



← [Greenland and Antarctic ice sheet decay](#) [Greenland and Antarctic ice sheet decay, continued](#) →

Happy Earth Science Week!

October 12, 2009 · [5 Comments](#)

This year's theme is [Understanding Climate](#). Check out [what's going on near you](#), take a look at some of the wonderful climate-related blogs to the right (including the newest edition "[my big fat planet](#)"), and maybe [watch an inspirational movie](#) while you're at it. Don't forget that this [Thursday is also Blog Action Day](#), also focusing on climate change.

Themorningcall.com Lehigh Valley Parenting Blog

<http://blogs.mcall.com/parents/2009/10/family-time-princess-katie-racer-steve-to-rock-kidstunes.html>

The program continues through June, is included with Da Vinci Science Center admission.
The center also is celebrating Earth Science Week with starting Sunday.


Learn how software developed by Columbia University lets you design your own climate models at a special workshop 2-5 p.m. Sunday. All attendees will receive a free copy of the software. Pre-register at ratiom is required by calling 484-664-1002, ext. 112.

Visitors can learn about the climate of the past by examining a fossil or seeing how different materials affect the global temperature 1-4 p.m. Sunday and 11 a.m. to 3 p.m. Monday.

All programs are included with admission — \$11.95 adults, \$8.95 children ages 4 to 12.
Info: www.davinci-center.org.

HARVEST FESTIVAL AT FLINT HILL

Don't miss a chance to see farm animals at the open house at Flint Hill Farm in Center Valley from 10 a.m. to 4 p.m. Saturday and Oct. 18.



Take a horse-drawn hayride, ride a pony, try your hand at bale hay tossing and take part in a sack race. Horse harnessing, blacksmithing demonstration and more. Info: www.flinthill-farm.org.

Comments: 2
[Read/Post Comment](#)
Categories: [Family Fun & Events](#), [Kid-friendly Places](#)

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<http://www.typepad.com/services/trackback/6a00d8341c4fe353ef0120a629c73792>

Listed below are links to weblogs that reference:
FAMILY TIME: Princess Katie & Racer Steve to rock KidTunes

Current Comments

If all the photos in Kathy Miller's "Chippy Chipmunk: Parties in the Garden" are a cute as that one I'm definitely buying the book. The wildlife in my garden isn't nearly as delightful. Maureen Hume. www.thepizzagang.com

Posted By: **Maureen** | Oct 10, 2009 2:38:52 AM

This story is based on delightful and humorous photographs of a chipmunk's charming antics as he explores the author's garden. Based in a natural setting, this story enlightens as well as entertains. The photographs give the reader a close-up view of the Eastern Chipmunk. The harnessed energy in a still frame provides interesting expressions not available to the naked eye.

Posted By: **Henry Brown | Wilderness Therapy Programs** | Oct 11, 2009 10:40:50 AM

Leave A Comment

NOTE: Please express your opinions in a civil and respectful manner. Insensitive, inflammatory and derogatory comments will be removed at our discretion.

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Previewing your Comment

Posted by: |

This is only a preview. Your comment has not yet been posted.

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TRAFFIC

Traffic Alerts

Bethlehem (7:00 a.m.) - Broadhead Ave. closed between Packer Ave. & W. Fourth St. 7 a.m.-3:30 p.m. Oct. 26 for demolition of old Broughal Middle School
10/25/2009
[Click here to subscribe to alerts](#)

Traffic Cameras

Gas Prices

RECENT ENTRIES

Is "Body Worlds 2" OK for kids?
Oct. 23-25 Family fun with PYT's "Maggie Magalita"
Grandparent looking to connect with other grandparents raising kids
Are Halloween costumes for kids too sexy?
115 Pounds of Halloween Candy
Should the government tell us when to trick-or-treat?
Do you believe in forcing a kid to eat foods?
What will happen to balloon boy and his brothers?
A new route to a high school diploma?
Family Time: All aboard for Halloween train rides, spooky and fun

RECENT COMMENTS

Cricket on [Do you believe in forcing a kid to eat foods?](#)
TAS on [Grandparent looking to connect with other grandparents raising kids](#)
Kevin on [Should the government tell us when to trick-or-treat?](#)
MOB on [Are Halloween costumes for kids too sexy?](#)
Marissa on [Are Halloween costumes for kids too sexy?](#)
emjoy on [Grandparent looking to connect with other grandparents raising kids](#)
Mommy in Bethlehem on [Do you believe in forcing a kid to eat foods?](#)
Tantrum Toddlers Researcher on [Bad Mommy MomaLisa on Are Halloween costumes for kids too sexy?](#)
An Ever Evolving Mom on [Should the government tell us when to trick-or-treat?](#)

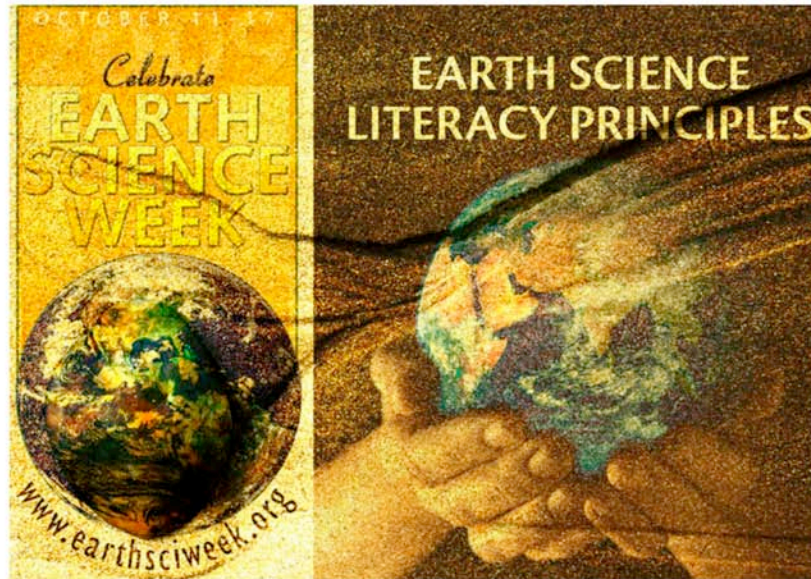
Through The Sandglass Blog

http://throughthesandglass.typepad.com/through_the_sandglass/2009/10/earth-science-week---sand-and-the-nine-big-ideas.html

Through The Sandglass

October 11, 2009

Earth Science Week - sand and the nine big ideas



This is Earth Science Week, in the US at least. It's an idea that deserves, through globalisation or international intellectual contagion, to be celebrated worldwide. Sponsored by the American Geological Institute, and supported by a consortium of earth science organisations, it is also underpinned by the Earth Science Literacy Initiative funded by the National Science Foundation:

The Earth Science Literacy Initiative (ESLI).... has gathered and codified the underlying understandings of Earth sciences into a succinct document that will have broad-reaching applications in both public and private arenas. It establishes the "Big Ideas" and supporting concepts that all Americans should know about Earth sciences. The resulting Earth Science Literacy framework will also become part of the foundation, along with similar documents from the Oceans, Atmospheres and Climate communities, of a larger geoscience Earth Systems Literacy effort.

The primary outcome of the Earth Science Literacy Initiative is a community-based document that clearly and succinctly states the underlying principles and ideas of Earth science across a wide variety of research fields that are funded through the NSF-EAR program, including Geobiology and Low-Temperature Geochemistry, Geomorphology and Land-Use Dynamics, Geophysics, Hydrologic Sciences, Petrology and Geochemistry, Sedimentary Geology and Paleobiology, and Tectonics.

It goes (I hope) without saying that the fundamentals of Earth Science Literacy are principles that all human inhabitants of our planet should be familiar with - a utopian aspiration perhaps, but it would arguably make our planet a better place. The fundamentals have been distilled into nine "Big Ideas," each with its own set of supporting concepts, and the summary and

Triangle Coalition Events

<http://www.trianglecoalition.org/calendar.htm>

October 2009	
11-17	<u>Earth Science Week 2009</u>
18-24	<u>National Chemistry Week</u>
21-23	<u>NCTM Regional Conference</u> , Boston, MA
22-24	<u>School Science and Mathematics Association Annual Convention</u> , Reno, NV
29-31	<u>NSTA Area Conference</u> , Minneapolis, MN
November 2009	
4-6	<u>NCTM Regional Conference</u> , Minneapolis, MN
11-14	<u>NABT Professional Development Conference</u> , Denver, CO
12-14	<u>NSTA Area Conference</u> , Fort Lauderdale, FL
12-15	<u>American Mathematical Association of Two-Year Colleges Annual Conference</u> , Las Vegas, NV
18-20	<u>NCTM Regional Conference</u> , Nashville, TN
19-22	<u>Council of Chief State School Officers Annual Policy Forum</u> , Naples, FL
December 2009	
3-5	<u>NSTA Area Conference</u> , Phoenix, AZ
January 2010	
14-16	<u>Association for Science Teacher Education International Conference</u> , Sacramento, CA
March 2010	
18-21	<u>NSTA National Conference</u> , Philadelphia, PA
18-20	<u>ITEA Annual Conference</u> , Charlotte, NC
April 2010	
19-21	<u>National Council of Supervisors of Mathematics Annual Conference</u> , San Diego, CA
21-24	<u>NCTM Annual Meeting and Exposition</u> , San Diego, CA

Tweetmeme.com

<http://tweetmeme.com/story/191264222/visit-grand-canyon-for-earth-science-week-2009>





University of the West Indies Activity Flier

Earth Science Week 2009 Activities

11-17 October, 2009

“Tsunamis and Other Coastal Hazards”



Celebrate Earth Science Week 2009 in Trinidad and Tobago with The University of the West Indies Seismic Research Centre (SRC) in collaboration with the American Geological Institute (AGI) from October 11-17, 2009.

Earth Science Week Mission

Earth Science Week (ESW) promotes understanding and appreciation of the value of Earth Science Research and its application and relevance to our daily lives¹.

Around Trinidad and Tobago

Want to organize your own event for Earth Science Week? Check the ESW website at www.earthsciweek.org for great ideas on celebrating Earth Science Week. Send us your pictures and videos with a brief description of your event. If your piece is chosen we will highlight it on our SRC Web site, Facebook page, YouTube or other social media tools.

Earth Science Week Themes

The theme for Earth Science Week 2009 is **“Tsunamis and Other Coastal Hazards”**. Our objective is to raise awareness on these natural hazards that affect everyone in Trinidad and Tobago.

Here is a list of SRC-led activities for Earth Science Week 2009:

- [Student Workshop - Tsunami and Other Coastal Hazards](#)
- [Tsunami Ready Environment & Education \(TREE\) Planting Event](#)

¹ Source: www.earthsciweek.org


U.S. House of Representatives Committee on Science and Technology Website

<http://science.house.gov/resources/usgsresources.shtml>

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1


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USGS Resources for Educators

The United States Geological Survey (USGS) is the government agency that provides scientific information and impartial study of our natural resources, natural hazards, geospatial data and issues that affect our quality of life. Since 1879, USGS has been conducting research and gathering data within the disciplines of biology, geography, geology, geospatial information and water.

Each of the five scientific disciplines listed above maintains an individual website where you can find specific information about the research and programs taking place within that particular area. In addition, most of these individual websites offer their own unique resources for students and educators.

[Biology](#) | [Geology](#) | [Geography](#) | [Geospatial Information](#) | [Water](#) |

Below is a compilation of information we hope you will find useful in your classroom!

[USGS Resources](#) | [Visual Resources](#) | [Regional Educational Resources](#) | [Professional Development Opportunities for Educators](#) |

USGS Resources :

Biological Resources Discipline Learning Room
The BRD within the USGS maintains this website to provide information about the scientific research taking place and about the conservation of our natural resources. The "Teachers Only" section of the "Learning Room" site provides links to federal and non-profit organizations with educational resources.

BirdSleuth
Students learn to identify birds and partner with scientists to collecting meaningful data! Students engage in the process of science by carefully observing birds, asking and answering their own questions based on observations and data, and publishing their original research.

Classroom Earth
Classroom Earth is a non-profit organization that promotes environmental education by providing educational resources for K-12 teachers. Included on this website are classroom programs, after-school programs and home school programs.

Digital Library for Earth System Education (DLESE)
DLESE's educational resources include lesson plans, scientific data, visualizations, interactive computer models and virtual field trips relevant to Earth systems science education. Also included on their site is a section designed specifically for educators of K-12 and undergraduate students.

Earthguide
A part of Scripps Institution of Oceanography, Earthguide is an extensive site dedicated to providing educational resources in earth and environmental science.

Earth Science Week
A national and international event organized by the American Geological Institute (AGI) to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. The website offers tools for educators including classroom activities, Earth Science Week kits for teachers and many other educational resources.

Earthquakes for Teachers!
With a new searchable database called "Learning Links" to help you find classroom information, activities and lessons about earthquakes, this site provides maps, pictures and information about earthquakes.

Earthwatch Institute - Resources for Educators
Earthwatch is a non-profit organization that promotes scientific field research and education. This site offers lesson plans, funding resources and educator fellowship opportunities.

Access Our Resources

- Science Education & You
- FREE Education Stuff
- The Facts on Climate Change
- Energy Independence
- Action on Innovation
- Science is Fun!
- E-News Archives
- Tell Your Member
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- Search the Web site


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Science Education and You



UPI.com

http://www.upi.com/Science_News/2009/10/14/NASA-celebrates-Earth-Science-Week/UPI-83601255545512/

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Published: Oct. 14, 2009 at 2:38 PM [Order reprints](#)

WASHINGTON, Oct. 14 (UPI) -- The U.S. space agency says it's celebrating Earth [Science Week](#) by releasing five short educational videos under the theme "Understanding Climate."

This year's theme for Earth Science Week, which runs through Saturday, was selected by the American Geological Institute.

The NASA video series entitled "Tides of Change" focuses on the ocean-climate connection, with each video featuring a specific aspect of that connection, such as the water cycle or life in the ocean.

"At NASA every week is [Earth science](#) week as scientists continue to learn about our changing planet and what drives those changes," the space agency said. "A world of Earth science exploration is all at your fingertips and on-line at www.nasa.gov any day of the week, not just Earth Science Week."

The NASA videos are available at <http://climate.nasa.gov/esw/videoseries/>.

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USGS Open House Flier

USGS Earth Science Week

OPEN HOUSE

Saturday, October 17, 2009
10:00 AM to 4:00 PM



**Silvio O. Conte Anadromous Fish
Research Center
1 Migratory Way
Turners Falls, Massachusetts**

*Join us for exhibits and demonstrations with
Sturgeon, fish ladders, models and research techniques*

1 Migratory Way is South of "G" Street after you cross the
11th Street Bridge

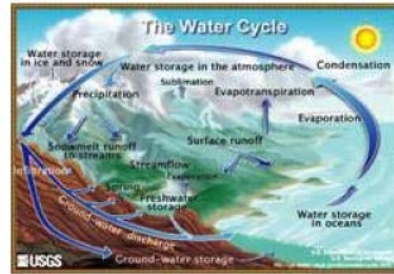
**Any groups larger than 6 must have chaperones
and call (413) 863-3800 before the 17th. Thank you.**

USGS Utah Water Science Center

<http://ut.water.usgs.gov/about/outreach.html>

Water

- [USGS Water Science for Schools](#)
- [USGS Water Resources Education](#)
- [EPA Surf Your Watershed](#)
- [Water Education Posters](#)
- [The Water Cycle](#)
- [World Water Monitoring Day](#)



General Science Education

- [Department of Interior for Kids](#)
- [Department of Interior for Teachers](#)
- [USGS and Science Education](#)
- [USGS Science Resources for Primary Grades \(K-12\)](#)
- [USGS Science Resources for Secondary Grades \(Middle/High School\)](#)
- [USGS Science Resources for Undergraduate](#)
- [USGS Teachers Packets](#)
- [Earth Science Week](#)

Contact Information

U.S. Geological Survey
2329 Orton Circle
Salt Lake City, UT 84119
801.908.5000

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

URL: <http://ut.water.usgs.gov/about/outreach.html>


Page Contact Information: [Utah WSC Webmaster](#)

Page Last Modified: Thursday, 16-Jul-2009 16:56:01 EDT

Ustream

<http://www.ustream.tv/channel/earth-science-week-webcast>

Science > Earth Science Week



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About Earth Science Week:

Join NASA oceanographers Gene Feldman and Marci Delaney for an interactive webcast that looks at how our oceans are changing with climate. They'll discuss

Utah Geological Survey

<http://www.ugs.utah.gov/teacher/esweek.htm>

Celebrate Earth Science Week

Activities at the UGS
October 5 - 8, 2009



The Utah Geological Survey hosts hands-on activities for school groups (usually 4th and 5th graders) to celebrate Earth Science Week* during October.

2009 ESW Declaration
2009 Photos

Groups are scheduled for 1 ½ - hour sessions, during which they will pan for "gold," see how fossils are excavated, learn about rocks and minerals, and observe stream erosion and deposition.

* Earth Science Week is celebrated the second full week of October throughout the nation as well as in other countries. The purpose is to increase public understanding and appreciation of the Earth sciences. Launched in 1998 by the American Geological Institute (AGI), efforts have grown on local, national, and international levels to highlight the vital role Earth sciences play in society's use of resources and interaction with the environment. For more information about Earth Science Week, visit the AGI's web site at www.earthsciweek.org.



On your mark, get set ... GO!



... pan for "gold."



Erosion & Deposition: students find the stream trailer exciting, especially when they see mudslides, dam failures, and flooding.

Vermont Geological Survey

<http://www.anr.state.vt.us/dec/geo/esweekinx.htm>

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Vermont Geological Survey **VT DEC**

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Earth Science Week >

- > Governor's Proclamation
- > ES Week 2008
- > ES Week 2007
- > ES Week 2006
- > ES Week 2005
- > ES Week 2004
- > 2003 Gallery
- > 2002 Gallery
- > 2001 Gallery
- > 2000 Gallery
- > Activities of the Survey
- > Earth Resources
- > Geology of Vermont
- > Great Links, Books, Places to Visit
- > Groundwater
- > Low Level Radioactive Waste
- > Natural Hazards- Earthquakes, Landslides, HAZUS
- > Photogallery
- > Publications & Reports
- > Radioactivity
- > State Bedrock Map Program
- > Stream Geomorphology
- > Survey History

Earth Science Week 2009 - Understanding Climate

October 11-17, 2009

Earth Science Week is a national project jointly sponsored by the Vermont Geological Society, Vermont Geological Survey at the Agency of Natural Resources, and the American Geological Institute. Numerous other individuals, organizations and businesses also sponsor activities during the week. Click in the left menu to see photos from previous years.

The annual Earth Science Week festivities usually include Geologists-in-the-Parks, a quarry open house at OMYA's Middlebury site, a poster contest, and other local events hosted by the Vermont Geological Society, North Branch Nature Center and Vermont colleges/universities. For a list of classroom activities and a planning kit, contact [AGI](#), 4220 King St., Alexandria, VA 22302. AGI sponsors national art, photography and essay contests for grades K-8 and for adults.

	<p>Interested in becoming a geologist?</p> <p>Click here (Vermont Geological Society page) to see why people have chosen careers in geology and why they love it.</p>
<p>Laura hugs an erratic</p>	

October 11-17, 2009 - [Earth Science Week: Understanding Climate](#)

Host: Vermont Geological Survey (VGS), Dept. of Environmental Conservation, OMYA Industries, Inc., Vermont Marble Exhibit, and the Vermont Geological Society

Contact: Marjorie Gale at 802-241-3608

E-mail: marjorie.gale@state.vt.us

Vermont Geological Survey

<http://www.anr.state.vt.us/dec//geo/ESWeek2009.htm>

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Earth Science Week >

- Governor's Proclamation
- ES Week 2009
- ES Week 2008
- ES Week 2007
- ES Week 2006
- ES Week 2005
- ES Week 2004
- 2003 Gallery
- 2002 Gallery
- 2001 Gallery
- 2000 Gallery

Earth Science Week 2009

The week of October 11-17, 2009 was the twelfth annual national celebration of Earth Science Week. The week was a time for geoscientists and organizations to encourage stewardship of knowledge about the Earth and how it works. The week provides an opportunity to expand public awareness and understanding of geology and its role in water and land use decisions, ec issues, and hazard mitigation.

Earth Science Week is a national project jointly sponsored by the Vermont Geological Society, Vermont Geological Survey at the Agency of Natural Resources, and the American Geologic individuals, organizations and businesses sponsor activities during the week. OMYA, Inc. hosted the annual highly successful Open House. OMYA, the Vermont Marble Exhibit and the Ve sponsored of the poster contest. The VGS maintained a web site of activities. The North Branch Nature center in Montpelier sponsored a mineral ID day. The American Geological Institute [contests](#). For a list of classroom activities and a planning kit for 2009, contact [AGI](#), 4220 King St., Alexandria, VA 22302. AGI sponsors national art, photography and essay contests for gra

The theme for the poster contest was "Rocks of Vermont" and THE POSTER CONTEST WINNERS ARE..... (Click on each thumbnail to see a larger poster)

Grades K-3 Winning Posters

<p>1st - Aaron, Christ the King School</p>	<p>2nd - Marion, Homeschool</p>	<p>3rd - Luke, Homeschool</p>
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Grade 4 Winning Posters

<p>1st - Rory, Sherburne Elementary School</p>	<p>2nd - Kyle, Sherburne Elementary School</p>	<p>3rd - Daniel, Sherburne Elementary Sch</p>
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Grades 5-6 Winning Posters

<p>1st - Remy, Sherburne Elementary School</p>	<p>2nd - Crystal, Addison Central School</p>	<p>3rd - Maggie, Horn</p>
--	--	---------------------------

Grades 7-9 Winning Posters

Vermont Geological Survey Earth Science Week Poster Contest Activity Flyer
<http://www.anr.state.vt.us/dec/pdfdocs/Poster%20Contest%20Rules%202009.pdf>

**Earth Science Week
October 11-17, 2009
Poster Contest Information, Rules, & Release Form**

The contest is sponsored by Omya Inc., the Vermont Geological Survey, the Vermont Geological Society, and the Vermont Marble Museum.

Please read the following poster contest rules carefully, as only posters that meet the contest guidelines will be considered.

DEADLINE FOR SUBMISSION: Monday, Noon, October 5, 2009

ELIGIBILITY: All Vermont public, private, or home-schooled school students, grades K - 12.

THEME: Your artwork should focus on the topic **"ROCKS OF VERMONT."**

Make a poster about one of the Official Vermont State Rocks (Granite, Slate or Marble) illustrating one important thing about that rock. Your poster might show the origin of the rock, the uses (present and/or past), how it is quarried, etc.

Hint: Be sure to focus on only one idea and make your message clear.

PRIZE STRUCTURE:

- There will be three winners (First, Second, and Third) in each of the following categories: Grades K - 2; Grades 3 - 4; Grades 5 - 6; Grades 7 - 9; and Grades 10 - 12.
- An additional winner will be chosen in the "People's Choice" category. This winner will be chosen by popular vote from visitors to the Vermont Marble Museum between October 6 and October 12, 2009.

PRIZES:

The following awards will be presented:

- First Place in each category: \$50 cash, a trophy, and a mineral or fossil specimen
- Second Place in each category: \$30 cash, a trophy, and a mineral or fossil specimen
- Third Place in each category: \$10 cash, a trophy and a mineral or fossil specimen
- Peoples' Choice Winner: a trophy and a mineral or fossil specimen

POSTER REQUIREMENTS:

Posters created by students must be their own original artwork. No copyrighted characters, clip art, or photographs will be accepted.

Materials: Posters should be submitted on white tag board or white art paper. Students may use a variety of media, such as watercolor, crayon, chalk, markers, etc. All artwork will be on public display and should be easy to see and read. Keep in mind that bright colors are better- light pencil marks won't show up. **Size:** Minimum 8 ½" x 11"; Maximum 11" x 17".

Vermontvacation.com

http://www.vermontvacation.com/TravelPlanner/ItemDetail.aspx?outsideLink=false&spID=35729



VermontVacation

The Official State of Vermont Tourism Site

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Marble Quarry Open House

A family event including quarry tours, viewing large quarrying equipment, earth science activities and refreshments.

EVENT DETAILS

Town:	Middlebury
Date(s):	Oct 17, 2009
Days/Hours:	Sat. 9-3 pm
Type(s):	Educational Kids Activities Tour

As part of Earth Science Week, a public open house will take place at Omya's Middlebury marble quarry. The event is free and activities are designed to be fun and educational for the entire family. The main focus of the event is tours into the quarry by means of shuttle buses. There will be a chance to disembark to collect some samples. Before or after a quarry tour, everyone is invited to see large trucks and loaders close-up and to participate in earth science activities.

[ADD TO MY ITINERARY](#)

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GETTING THERE

Location:	Omya Marble Quarry
Address:	Route 7 Middlebury, VT 05753
Phone(s):	(802) 770-7267 Event Phone (802) 770-7217 Event Phone
Email:	alice.blount@omya.com
Web Site(s):	www.omyainvermont.net

AMENITIES/ADDITIONAL INFORMATION

Cost :	Free		
Annual Event :	<input checked="" type="checkbox"/>	Accessible :	<input checked="" type="checkbox"/>

Options

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Description

NASA Earth Science Week Water Water Everywhere

Vindy.com

<http://www.vindy.com/news/2009/oct/11/man-charged-in-robbery/?newswatch>

Published: Sun, October 11, 2009 @ 12:00 a.m.

Man charged in robbery

WARREN — Police have arrested a man they say robbed the First Place Bank branch in the Elm Road Plaza Friday morning.

Sgt. Dan Mason said Saturday that Joe Rien, 41, of 246 Washington St., N.W., has been charged with aggravated robbery.

He is being held without bond pending arraignment next week.

The robber did not try to cover his face, and authorities were able to get photographs of him.

Mason said the courts won't be open until Tuesday because of the observance of Columbus Day.

Earth Science Week

YOUNGSTOWN — This week has been designated Earth Science Week statewide by Gov. Ted Strickland.

According to the Ohio Department of Natural Resources, the statewide declaration is in conjunction with National Earth Science Week. The week is sponsored by the American Geological Survey.

In an effort to raise awareness on the subject, Strickland is encouraging state science teachers to utilize lessons and activities associated with earth science.



VIRGINIA CAVE WEEK 2009

Presented by the Virginia Cave Board
Information on Cave Week Lessons

HOME

WNS

Lessons

Field Trips

Earth Day

Earth Science Week

Info/Resources

Other Links

Lessons

["Bats Activity Guide" \[National Wildlife Federation\] \(PDF File\)](#)

[NASA: "The Story of Echo the Bat"](#) - read a story tracing the life of a newborn bat

["Sinkholes in a Cup"](#) - This lesson was adapted from the one in the Project Underground Activity Guide

[Karst Resources for Teachers](#): check out lessons links and unit ideas.

["Soda Bottle Watersheds" activity](#)

["Sugar Cube Karst" lesson activity](#) (PDF file)

["Karst Topography" activity](#)

[National Park Services: A Teachers Guide to Caves](#)

["Karst Cave and Groundwater Contamination" Activity](#) (PDF file)

["Down By the River" Activity](#)

["How to Draw a Bat" Activity](#)



Lesson Resources


[AIMS Books "Bats Incredible"](#) (See #1125 in list under AIMS Publications- at the elementary grade levels).

[American Geological Institute: "Earth Science Week 2009"](#)





[AGI - Leading a Field Trip](#)


Visithoustontexas.com

http://www.visithoustontexas.com/events.details.php?id=10110



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What to Do

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Earth Science WonderWeek

Venue: [Children's Museum of Houston](#)


Address: 1500 Binz
Houston, TX 77004

Phone: 713-522-1138

URL: <http://www.cmhouston.org>

Start Date: October 13, 2009

End Date: October 18, 2009

 [View Map](#)

Children's Museum of Houston looks into Earth's scientific wonders.

Become a master geologist for a day as the Children's Museum of Houston celebrates Earth Science WonderWeek. Geology is the study of the landscape of our planet and how it has been formed over time. This is your chance to look at some fascinating rocks, see different landforms on a map and everything else that makes our planet's surface unique.

Topographical Maps: This map tells you the elevation of the land. Make a topographical map of Texas to take home with you.


Places on the Planet: Latitude and longitude measure locations of cities and countries. Use these measurements to find different cities on the globe.


Investigating Rocks: No two rocks are exactly alike. Identify one by looking at its texture, size and shape.


Earth Week at the Science Station: Celebrate Earth Science Week with activities which encourage you to get away from the TV, turn off the computer, and explore the great outdoors. Find out how geologists discover and explore the world around them using tools, maps, and determination.


The Aztec Princess: Spotlight Performance. Folks from the Express Theatre have cooked up a spectacular show led by storyteller Epic Dominguez.
Thursday, Oct. 15: 6:30 p.m.
Saturday, Oct. 17: 2 p.m.

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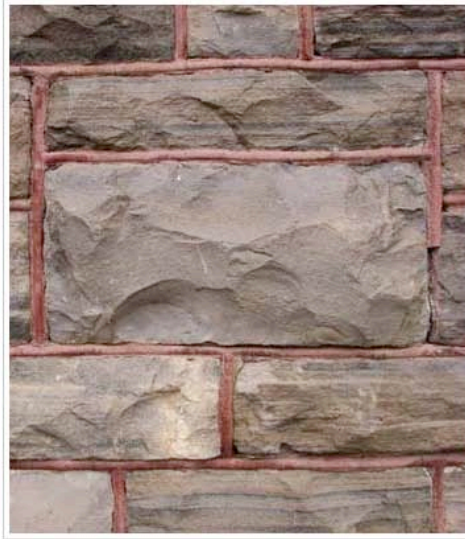
Houston E-newsletter

Sign up to receive special offers and contest info.

Ask Veronica

May we recommend some local favorites?

Maps
Find your way around Houston and Texas!


Walking Prescott Blog

<http://walkingprescott.blogspot.com/2009/05/from-armory-to-activities.html>



Structurally, the Center is reinforced concrete. The feel of massive stone was achieved with a stone facing. The plaque calls the facing ashlar *granite*, though seeing those layers suggests some sort of sandstone. However, I'm fortunate to own a copy of *A Prescott Area Geologic Field Guide for Earth Science Week 1999*, which explains that:

WashingtonPost.com

http://voices.washingtonpost.com/capitalweathergang/2009/09/learn_how_scientists_predict_c.html


RIGHT NOW

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National Airport

- Weather:** Light Rain
Fog/Mist
- Temperature:** 60.0 F (15.6 C)
- Wind Chill:** 58 F (14 C)
- Wind:** Northwest at 12.7 MPH
- Dew Point:** 57.0 F (13.9 C)
- Pressure:** 1019.2 mb

Sep 11 2009, 9:52 am EDT



Radar: Enlarge & Animate
[Wx Underground Radar](#)
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[DC Webcam](#)

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- Forecast: Damp Friday,**

make decisions.

The event takes place at 6:30 pm on Thursday, September 17, 2009, at the Koshland Science Museum ([directions](#)). The cost is \$7 general admission (\$5 for students) and light refreshments will be provided.

To learn more and RSVP, visit www.koshland-science-museum.org.

By Ann Posegate | September 10, 2009; 10:00 AM ET [Climate Change](#), [Posegate](#), [Wx and the City](#)
Previous: [Forecast: Clouds, Showers Slowly to Depart Area](#) | Next: [A Skeptical Take on Global Warming](#)

Comments

Please [email us](#) to report offensive comments.

Ann, thanks for posting what I'm sure will be an excellent learning and entertaining experience in climate science - and one presented in within an objective, unbiased framework.

Another program of interest is Earth Science Week 2009; "Understanding Climate". It's a participatory online set of activities the week of October 17 designed to promote understanding of Earth's climate.

For additional information visit <http://www.earthsciweek.org/>

Posted by: SteveT-CapitalWeatherGang | September 10, 2009 10:35 AM

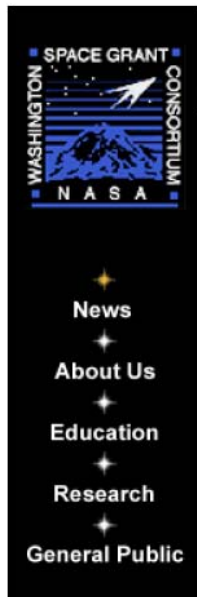
Correction: Earths Science Week runs from Oct 11-17

Posted by: SteveT-CapitalWeatherGang | September 10, 2009 10:39 AM

2-318

Washington State NASA Space Grant Consortium News

<http://www.waspacegrant.org/e-news6A09.html>



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ANNOUNCEMENTS

2009 LASER Awards

June 9, 2009

The Washington NASA Space Grant Consortium's electronic newsletter for teachers provides curriculum ideas, Internet links and other resources to help you better meet the Washington EALRs and the National Science Education Standards.

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- E-LETTER BEGINS SUMMER SCHEDULE

NASA ENDEAVOR FELLOWSHIPS (K-12)

The NASA Endeavor Science Teaching Certificate Project awards one-year fellowships each year to over 40 current and prospective teachers. Fellows take five online graduate courses, learning to apply research-based pedagogical strategies and cutting-edge science, technology, engineering and mathematics (STEM) content in their classroom and becoming a part of a special network of like-minded educators.

Applications will be accepted July 1 to September 30. Selections will be announced before Thanksgiving 2009.

Endeavor Fellows will be awarded a NASA Endeavor Certificate in STEM Education from Teachers College, Columbia University. In addition, 15 graduate credits are awarded from other regionally-accredited partners in higher education. For more information, visit

<http://www.us-satellite.net/endeavor/index.cfm>

EARTH SCIENCE CONTESTS (K-9)

Students may want to start work now on their entries for the Earth Science Week 2009 competitions in photography, visual arts and essay. The photography competitions is also open to the general public.

The deadline to enter is Oct. 16. First prize for each contest is \$300 and a copy of the American Geological Institute's two-disk DVD package, Faces of Earth. For more information, go to

<http://www.earthsciweek.org/contests/>

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<http://www4.wccnet.edu/departments/physicalsciences/geology/links.php>

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West Texas Geological Society

<http://www.wtgs.org/News/tabid/65/articleType/ArticleView/articleId/25/Earth-Science-Week-and-Maps-In-Schools.aspx>



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Thursday, June 18, 2009



Earth Science Week and Maps In Schools

Mike Raines (WTGS President) presented both a Geologic Map from the Maps In Schools program and an Earth Science Week program for the children at Grady ISD, May 13, 2009.




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Wikipedia-Earth Science Week

http://en.wikipedia.org/wiki/Earth_Science_Week

Earth Science Week

From Wikipedia, the free encyclopedia

Contents

- 1 What is Earth Science Week?
 - 1.1 Earth Science Week Objectives
- 2 Web Resources
- 3 Events
- 4 Toolkits
- 5 National Contests
- 6 Official Proclamations
 - 6.1 Presidential recognition
- 7 Newsletters
- 8 See also
- 9 External links



What is Earth Science Week?

Since October 1998, the American Geological Institute (AGI) has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. Traditionally held in the second full week of October, **Earth Science Week** encourages the understanding and promotion of earth science at local, state, national and international levels.

2007 marked the tenth annual Earth Science Week. Each year, AGI organizes Earth Science Week as a service to its member societies, with generous help from major partners which provide funding, donated materials, organize events and publicize the celebration. Continuing partners include the United States Geological Survey (USGS), the American Association of Petroleum Geologists (AAPG) Foundation, the National Park Service (NPS), NASA, and NOAA.

People in all 50 states and in more than five countries have participated in Earth Science Week events and activities, ranging from educators teaching Earth science activities in their classrooms to open houses held at major USGS field stations. State geological surveys are also key participants, and are responsible for having official proclamations issued by their state's governor.

Earth Science Week Objectives

- To engage students in discovering the Earth sciences.
- To remind people that Earth science is all around us.
- To encourage Earth stewardship through understanding.
- To motivate geoscientists to share their knowledge and enthusiasm about the Earth.

Wild Wild Weather Blog

<http://wildwildweather.com/forecastblog/2009/10/happy-earth-science-week-and-canadian-thanksgiving/>

Dan's Wild Wild Science Journal

- [Contact](#)

Welcome at » Happy Earth Science Week (and Canadian Thanksgiving!)

- [Comment Policy](#)
- [Who I Am](#)

Happy Earth Science Week (and Canadian Thanksgiving!)

This week is [Earth Science Week](#) as the title of this post seems to suggest. Monday was also Canadian Thanksgiving Day, but a honey dipped from Tim Horton's would be a lot better than turkey!

NASA has released 6 videos in support of it. The theme this year is understanding climate. Based on some of the junk I have seen online recently, a lot of people don't!

For those who teach, getting science based info on climate can be difficult, so here are a couple of items that may help! Two videos from NASA on rising sea level and the [carbon cycle](#). Click on the movie place holders to watch them!

embedded by [Embedded Video](#)

Willis Miller's Twitter Page

<http://twitter.com/WillisLMiller/statuses/7145752287>

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NASA | Earth Science Week: Climate Change & The Global Ocean ... <http://bit.ly/50TPI2> 7:25 PM Dec 28th from [twitterfeed](#)



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Women in Planetary Science Blog

<http://womeninplanetaryscience.wordpress.com/2009/09/04/help-awg-celebrate-women-in-the-geosciences-day/>

Women in Planetary Science Half the bodies in the solar system

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[Survey Of women geoscientists and blogs](#)

4 Sep

Help AWG celebrate Women in the Geosciences Day

Posted by [Interplanetsarah](#) in [Uncategorized](#). [Leave a Comment](#)

Each year the [American Geological Institute](#) organizes *Earth Science Week*, the geoscience community's premier public awareness campaign, to promote understanding of the earth sciences and encourage stewardship of natural resources. Since its inception more than a decade ago, the annual celebration has grown significantly. In 2008 alone, more than 20 million people worldwide learned about the geosciences and the campaign through Earth Science Week.

This year the [Association for Women Geoscientists](#), in conjunction with AGI, is proposing to initiate a *Women in the Geosciences Day*, which will take place on the Thursday of Earth Science Week (the second full week of October). October 15 will be the 2009 *Women in the Geosciences Day*.

We are asking for your support in this inaugural *Women in the Geosciences Day*. Here are suggestions for activities:

- Invite a female geoscientist as a colloquium/lecture series speaker on October 15 (or as close as possible to Oct 15th)
- Visit your local high school to talk about what Geoscientists do
- Organize events with female speakers at a local museum
- Organize a Girl Scouts/Boys Scouts event for Rocks Rock badges
- Take a 4H group on a field trip to look at rocks, minerals, soils, etc.

In all events, we encourage the participation of your female members. If you would like to contact a local AWG member for help, please contact us for a list of members.

World Space Party

Just another WordPress weblog

Oct 14

NASA | Earth Science Week: Water, Water Everywhere!

Nasa

"Water, Water Everywhere!" is Episode 2 in the six-part series "Tides of Change", exploring amazing NASA ocean science to celebrate Earth Science Week 2009. To find out more visit climate.nasa.gov Want more? Subscribe to NASA on iTunes! phobos.apple.com Or get tweeted by NASA: twitter.com Water is all around us, and its importance to nearly every natural process on earth cannot be underestimated. The water cycle is the movement of water around the Earth in all its forms, from the ocean to ...

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One Response to "NASA | Earth Science Week: Water, Water Everywhere!"

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October 14th, 2009 at 8:02 am



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YouTube NASA Video

http://www.youtube.com/watch?v=3GTAYuc9UjE&feature=youtube_gdata

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NASA | Earth Science Week 2009: Trailer 1

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Notes from EEGS



President's Message: No Child Left Inside

Jonathan Nyquist, President (nyq@temple.edu)

October 11-17 is Earth Science Week, a time to celebrate the geosciences! Tuesday of that week, October 13th has been designated "No Child Left Inside Day." I have already rounded up Temple Geology majors as helpers, and made contact with several of the local middle schools in Philadelphia to see if we can get the kids outside for a seismic demonstration (going to have to keep my eye on that sledge hammer).

You should consider how your company or you personally can become involved. The American Geologic Institute (www.agiweb.org), an umbrella organization comprised of 32 geological societies and professional organizations, has created an Earth Science Week website (www.earthsciweek.org)

filled with resources for teachers, students, the media, as well as a list of events in your state. Plan a geophysics event to add to the list!

Each year, Earth Science Week has a theme. This year's theme is "Understanding Climate." AGI has assembled a wonderful "toolkit" of materials that includes color earth science posters, a calendar, a "dynamic earth" DVD of NASA imagery, a report on the ecological impacts of climate change, a CD of free GIS activities, bookmarks, activity sheets, earth science contest entry forms, and even a shirt pocket-sized Rite in the Rain field book. Geoff Camphire of AGI tells me that value of the materials in the kit probably exceeds a hundred dollars, but sponsorship has allowed AGI to sell the kits for only \$7 each. But wait! As a member society EEGS will receive 50 free toolkits, which I will distribute on a first-come, first-served basis to EEGS members. Just email your request to me at: nyq@temple.edu.

I urge all EEGS members to find a way to participate in Earth Science Week, and to help ensure that on October 13th there is No Child Left Inside.

Renew your EEGS Membership for 2009

Be sure to renew your EEGS membership for 2009! In addition to the more tangible member benefits (including a print subscription to **JEEG**, **FastTIMES** delivered to your email box quarterly, discounts on EEGS publications and SAGEEP registration, and benefits from associated societies), your dues help support EEGS's major initiatives such as producing our annual meeting (SAGEEP), publishing **JEEG**, making our publications available electronically, expanding the awareness of near-surface geophysics outside our discipline, and enhancing our web site to enable desired capabilities such as membership services, publication ordering, and search and delivery of SAGEEP papers. New this year is an opportunity to donate to the EEGS Foundation during the renewal process. Members can renew by mail, fax, or online at www.eegs.org.

Sponsorship Opportunities

There are always sponsorship opportunities available for government agencies, corporations, and individuals who wish to help support EEGS's activities. Specific opportunities include development and maintenance of an online system for serving SAGEEP papers from the EEGS web site and support for the 2010 SAGEEP conference to be held in Keystone, Colorado. Contact Jon Nyquist (nyq@temple.edu) for more information.



Grand Canyon National Park Examiner Article

<http://www.examiner.com/x-5374-Grand-Canyon-National-Park-Examiner~y2009m9d24-Grand-Canyon-National-Park-to-celebrate-Earth-Science-Week>

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Grand Canyon National Park to celebrate Earth Science Week

September 11, 2009 12:24 PM | Grand Canyon National Park Examiner | 1 item | 1 photo

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Previous

Earth Science Week will be celebrated at the Grand Canyon during the week of October 11 - 17th. A variety of special activities and programs will be offered.



NPS - USA

Naturalist Steve Martin said, "Grand Canyon National Park is very pleased to offer special events in recognition of Earth Science Week. The northwestern rim is essential to the National Park Service's efforts to preserve and protect Grand Canyon. Visitors are invited to take a variety of earth science programs throughout the week, especially the geology field trip on Desert View Drive, which will provide a unique opportunity for visitors to learn about the geology of the Grand Canyon region. A geology field trip on Desert View Drive, which will provide a unique opportunity for visitors to learn about the geology of the Grand Canyon region, will be offered on Saturday, October 17. The field trip will be led by George Blumley, a field geologist who has dedicated his professional career to studying the geology of the Grand Canyon region."

Grand Canyon, Ariz. - Grand Canyon National Park will celebrate Earth Science Week offering a variety of special programs and activities during the week of October 11 - 17, 2009. Ranger and resource management led programs on the park's geology and other earth science topics will be offered, and will include the Mapping the Canyon exhibit developed by Grand Canyon Association and be on display in the lobby of park headquarters. A geology field trip on Desert View Drive led by U.S. Geological Survey research geologist George Blumley on Saturday, October 17 will celebrate the workers over.

Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the same science, and is one of the most well known and most scenic geologic landscapes on the planet.

Superintendent Steve Martin said, "Grand Canyon National Park is very pleased to be offering events in recognition of Earth Science Week. The northwestern rim is essential to the National Park Service's efforts to preserve and protect Grand Canyon. Visitors are invited to take a variety of earth science programs throughout the week, especially the geology field trip on Desert View Drive, which will provide a unique opportunity for visitors to learn about the geology of the Grand Canyon region. A geology field trip on Desert View Drive, which will provide a unique opportunity for visitors to learn about the geology of the Grand Canyon region, will be offered on Saturday, October 17. The field trip will be led by George Blumley, a field geologist who has dedicated his professional career to studying the geology of the Grand Canyon region."

Throughout the Earth Science Week, Earth Week and Heritage Week will be celebrated by the park. Sunday, October 11 through Friday, October 16, the Hualapai Trail will begin at 9:30 a.m. from the park behind the Bright Angel Lodge and will visit a fossil bed containing the remains of a variety of marine organisms exposed near the rim of Grand Canyon. The Geology Walk will begin at 1:00 p.m. from outside of Yavapai Observation Station and will overview the canyon's geology. Local program will last approximately one hour and include an easy 60-minute walk.

On Tuesday, October 13, the park will celebrate its Child Left Inside Day as part of Earth Science Week by offering a fossil walk on the rim of the canyon in the historic village near the El Tovar Lodge from 1:00 a.m. to 4:00 a.m. The fossil walk will help kids and adult visitors explore the canyon's geology by providing a variety of hands-on activities.

Several evening programs offered during the week will be on the northwestern rim. On Friday, September 19, Park Service Park Ranger and naturalist Catherine Thompson will lead a 10-minute

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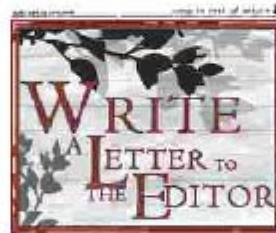
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Tuesday, September 29, 2010

Geology, Chemistry, and Grand Canyon National Park will celebrate Earth Science Week by offering a variety of special programs and activities during the week of Oct. 11-17. Ranger and resource management programs on the park's geology and other earth science topics will be offered, and exhibit panels from the National Geographic Society, developed by Grand Canyon Association, will be on display in the lobby of park headquarters. A geology field trip on Desert View, presented by U.S. Geological Survey research geologist George Blingplay on Oct. 17 will conclude the week's events.

Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives. Grand Canyon National Park is an ideal place to celebrate Earth Science Week, as the park is a natural classroom and laboratory for the earth sciences, and is one of the most well-known and most scenic geological landscapes on the planet.

Superintendent Steve Martin said, "Grand Canyon National Park is very pleased to offer special events in recognition of Earth Science Week. The earth sciences are essential to what the National Park Service uses to preserve and protect Grand Canyon. We're very excited to offer a variety of earth science programs throughout the week, especially the geology field trip on Desert View Drive, which will provide a unique opportunity for visitors to learn about the canyon's geology from George Blingplay, a field geologist who has dedicated his professional career to studying the geology of the Grand Canyon region."



To commemorate Earth Science Week, Grand Canyon and George Washington will be offered daily from Sunday, Oct. 11 through Friday, Oct. 15. The Festival will begin at 8:30 a.m. from the parking lot beyond the Bright Angel Lodge and will offer a free, self-guided tour of the various exhibits of natural history and geology of the Grand Canyon. The Ecology Walk will begin at 1 p.m. from outside of Yavapai Cultural Center and will offer a free, self-guided tour of the canyon's geology. Each program will last approximately one hour and include an easy half-mile walk.

On Oct. 15, the park will celebrate the third day of Earth Science Week by offering a guided tour of the rim of the canyon in the Historic Village near the El Tovar Hotel from 11:30 a.m. to 4 p.m. The tour will offer a half-mile walk and provide an opportunity for visitors to learn about the canyon's geology and history.

Several evening programs offered during the week will be on the earth sciences. On Oct. 11, Park Ranger Chris Carrell will present "Arizona's Ancient Sky" (The Sun and Climate of the Southwest) at the Yavapai Cultural Center. On Oct. 12, Park Ranger Chris Carrell will present "Arizona's Ancient Sky" (The Sun and Climate of the Southwest) at the Yavapai Cultural Center. On Oct. 13, Park Ranger Chris Carrell will present "Arizona's Ancient Sky" (The Sun and Climate of the Southwest) at the Yavapai Cultural Center. On Oct. 14, Park Ranger Chris Carrell will present "Arizona's Ancient Sky" (The Sun and Climate of the Southwest) at the Yavapai Cultural Center. On Oct. 15, Park Ranger Chris Carrell will present "Arizona's Ancient Sky" (The Sun and Climate of the Southwest) at the Yavapai Cultural Center.

The theme for this year's Earth Science Week is Understanding Climate. Grand Canyon National Park will be hosting a Climate Resilience Workshop for park staff and park partners on October 14-15 in order to develop an action plan for Grand Canyon with specific goals on reduction goals and strategies to adapt to

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Deanna Neil

Award-winning author of "The Land of Curiosities."

Posted: October 16, 2009 02:28 PM

Growing Movement to Get Kids Outdoors Includes *Where the Wild Things Are*

What's Your Reaction?

We want to get kids outside. But who is the best to approach: teachers, parents or kids themselves?

This October is filled with various efforts that can help us decide.

This past Tuesday was "No Child Left Inside" Day, a new part of the annual Earth Science week. The day focused on outdoor lesson plans and online offerings to aid teachers in their quest to foster the next generation of outdoor explorers. But targeting teachers also means targeting Congress. At least that's the thought behind "No Child Left Inside". The name may sound familiar because a coalition of concerned organizations bound together to create new environmental education legislation to counter the "No Child Left Behind" Act, which restricted outdoor learning and environmental education. The "No Child Left Inside" Act tries to incentivize experiential education instead of focusing on the test-driven model. "No Child Left Inside" Day is an extension of their efforts.

The official release date of "Where the Wild Things Are" is October 16th, and I don't know about you, but I will be first in line. In their efforts to get kids outside, the National Wildlife Federation has joined up with Warner Brothers for their "Be Out There!" campaign, hoping that this movie will be their ticket to reaching another demographic--Parents. According to the Be Out There! publicity, kids don't even know what they've lost, and it's up to the parents to make them aware. The goal of the campaign is to educate over 20 million moms and dads in the next three years. Most adults will recognize "Where the Wild Things Are" as one of their favorite books from when they were kids, and be moved into a state of nostalgia. It's brilliant because it evokes that feeling of youth that parents want--freedom, wild, animals, adventure -- to instill in their children as well.

Blame it on the Tetons to actually let kids share their opinions. Maybe the kids will tell us what society is doing wrong and why they prefer television over camping. Over the next three days, October 15th-18th, youth from all 48 Wyoming school districts are convening for the Wyoming Youth Congress on Children & Nature through the Teton Science School. The conference focuses on the children of Wyoming and how to keep them in

Pioneering partners around the world

The International Year of Planet Earth enjoys the active support of 12 Founding Partners and a growing number of International Partners. A selection of the partners is represented below.

Founding Partners

American Institute of Professional Geologists



The American Institute of Professional Geologists (AIPG) was invited to become a Founding Partner of the International Year of Planet Earth. The invitation was accepted because AIPG is a professional society dedicated to the application of the principles of geology to improvement of economic and societal conditions worldwide. AIPG emphasizes a philosophical view that the knowledge residing in the geosciences community is a crucial and fundamental component of a sound future for the entire planet Earth. Participation in the IYPE was therefore a logical extension of AIPG outreach efforts.

The American Institute of Professional Geologists was created to focus on competence, ethics, integrity and geoscience educational requirements and to advocate on behalf of practitioners and the profession. AIPG outreach is not exclusive to its members, but extends to all practitioners, including international colleagues and societies, and to public policy decision makers.

AIPG has traditionally emphasized the role of

geosciences and its practitioners upon the wellbeing of the public. AIPG has also maintained strong professional ties with international geoscience organizations, especially the European Federation of Geologists and the Canadian Council of Professional Geoscientists.

As a Founding Member of IYPE, AIPG is actively engaged in furthering the public's knowledge of the geosciences. AIPG efforts will include showcasing the IYPE at the 2008 3rd International Professional Geology Conference.

AIPG's headquarters are in Denver, Colorado, U.S.A.
www.aipg.org

The American Geological Institute



The American Geological Institute (AGI) is pleased to be the first Founding Partner of the International Year of Planet Earth from the United States. A major aspect of AGI's mission is to increase public awareness of the strong role that geosciences play in society's use of resources, resilience to natural hazards, and the health of the environment. Through outreach and education, public policy, and communications, AGI bridges the gap between the general public and Earth scientists.

The International Year of Planet Earth also strives to highlight the importance of the Earth sciences to the general public. The more informed we are as a society on the ways that Earth science information relates to decision making, the more likely we are to make wise decisions economically, politically and environmentally.

"The IYPE is an outstanding opportunity for the Earth scientists of the world to work together on common issues for the benefit of society. Earth science affects the lives of humans on a daily basis and it is time to ensure that Earth science knowledge is used more effectively for the benefit of humankind globally. AGI is proud to be part of this major endeavor and celebration," said Dr. P. Patrick Leahy, Executive Director, American Geological Institute.

AGI feels that IYPE will give international attention to the programs already in place in the United States. Earth science education and geoscience workforce issues continue to be a major focus both in America and around the world. Without students who are exposed to both accurate and engaging Earth science instruction and educators, not enough well-educated and trained people will enter the geoscience fields. This is a critical focus at AGI as we continue to track the number of college and university students graduating with degrees in the Earth sciences, and employees entering and retiring in all sectors of the workforce.

In support of IYPE, AGI's news magazine *Geotimes* is highlighting appropriate events and successes to increase the awareness of the American geoscience community. Similarly, as part of AGI's K-12 educational efforts and teacher training and through its development of Earth Science Week materials, the goals, accomplishments, >

NASA Portal Article

The theme of this year's Earth Science Week -- "Understanding Climate" -- presents a timely opportunity for students to learn about Earth's climate, how it affects them and vice versa. Earth Science Week takes place Oct. 11-17, and coincides with a period of increased media attention on Earth's climate as the U.S. Congress considers legislation to reduce emissions of greenhouse gases and world leaders negotiate a new global climate treaty.

Earth Science Week is hosted annually by the American Geological Institute in cooperation with various sponsors to encourage understanding and appreciation for the Earth sciences and stewardship of the Earth.

During Earth Science Week, NASA will release five short educational videos, all part of a series entitled "Tides of Change." The videos will focus on the connection between ocean and climate. Each video will focus on a specific aspect of the connection, such as rising sea levels or the carbon cycle. The videos will be posted at <http://climate.nasa.gov>, which will be a one-stop shop for NASA Earth Science Week education resources related to understanding climate.

On Wednesday Oct. 14, classrooms around the country are invited to participate in a live webcast on NASA's Digital Learning Network. The webcast will feature two oceanographers who will discuss their careers, illustrate NASA's unique view of the oceans from space, and answer questions submitted by participants. The webcast will be available at <http://dln.nasa.gov>.

In addition, NASA has contributed to the following items included in an educator kit designed to help teachers engage students in Earth science before, during and after this special week:

"The Dynamic Earth" DVD -- A new DVD provides an 18-minute overview of the Earth system, climate change and how NASA observes the planet. The DVD also includes slideshows on various Earth science topics.

National Park Service Newspaper

Special Events and Activities



Navajo County Fair



Cultural demonstrations: Hopi pottery firing

Special Event Calendar

- February** *National Invasive Weed Week*, Last week in February
- March** *Arizona Archaeology and Heritage Awareness Month*
- April** *National Park Week*, Last full week in April
- May** *National Wildflower Week*, First week in May
International Migratory Bird Day, Second Saturday in May
Memorial Day, observed last Monday of May
- Summer** *Cultural Demonstrators*: Most Saturdays through the summer, visit with silversmiths, dancers, weavers and other demonstrators, many with items for sale.
- June** *Summer Solstice*, June 20/21—for about a two week period around the summer solstice, join rangers each morning to watch sunlight and shadow interact with a petroglyph at Puerco Pueblo.
- August** *Founders Day*: anniversary of the establishment of the National Park Service, August 25
- September** *National Public Lands Day*: Last Saturday in September
Navajo County Fair: county fairgrounds in Holbrook.
- October** *Earth Science Week*: this international event was started to help the public gain a better understanding and appreciation for Earth Sciences and to encourage stewardship of the Earth.
Ghosts of the Past: weekend evening close to Halloween, visit the ghosts of the Petrified Forest for this evening ranger tour.
- November** *National American Indian Heritage Month*
Veterans Day, November 11.
- December** *Petrified Forest's Anniversary*, December 8-9
- Details, such as time and place, will be posted on the park website <http://www.nps.gov/pefo> and at the visitor facilities closer to the event date.



Archaeology Expo



Off the Beaten Path programs: find fossils with the park paleontologist

Science and Education Center

Petrified Forest is a living laboratory for many fields. The Petrified Forest National Park Science and Education Center offers a chance for park visitors, employees, and researchers to get together—a time for better understanding and appreciation of the natural and cultural resources of the park and region. Lectures are held on a regular basis. Topics include geology, paleontology, archeology, and biology. Join us to discover Petrified Forest's many facets! For more information contact the park, stop by the visitor facilities, or visit <http://www.nps.gov/pefo>.



Artist Shonto Begay at the Painted Desert Inn

Artist-In-Residence Program

Artists have influenced the formation, expansion, and direction of our national parks. The work of many artists has also assisted in providing perspectives at parks, creating meaningful experiences for visitors. Artists document national parks through diverse approaches and techniques, including painting, poetry, photography, prose, and music, reflecting the multi-faceted qualities of parks, bringing enjoyment and a deeper understanding of the parks.

Founded in 2006 as part of the park's Centennial Celebration, Petrified Forest National Park's Artist-In-Residence Program continues this tradition. The program offers visual, performing, and literary artists the opportunity to



Photographer Fred Hirschmann with visitors in the field

National Parks Traveler

<http://www.nationalparkstraveler.com/2009/09/interested-earth-science-head-grand-canyon-national-park-mid-october4631>



Interested in Earth Science? Head To Grand Canyon National Park In Mid-October

Posted September 26th, 2009 by Kurt Repanshek



Is there a better place in the National Park System to study earth science than Grand Canyon National Park? *NPS photo by Michael Quinn*



If there's a great place to study earth science in the National Park System, certainly Grand Canyon National Park would be near, if not at, the top of the list. And if you head to Grand Canyon in mid-October, you'll be able to study earth science with the rangers and staff.

October 11-17 is national Earth Science Week, and the folks at Grand Canyon are offering a variety of programs and activities to celebrate the occasion. Ranger- and resource management-led programs on the park's geology and other earth science topics will be offered, and exhibit panels from the Mapping the Canyon exhibit, developed by Grand Canyon Association will be on display in the lobby of park headquarters, according to park officials. A geology field trip on Desert View Drive led by U.S. Geological Survey research geologist George Hulingsley on Saturday, October 17, will culminate the weekend events, they add.

Earth Science Week promotes understanding and appreciation of the value of earth

Earth Science Week 2009 to Focus on Climate



logical Institute (AGI), which holds this event to promote the Earth sciences, has chosen the 2009 theme: "Understanding Climate."

"Students and the general public need to understand Earth's climate system, above and beyond the sound

bites of public debate," says Ann E. Benbow, AGI's director of education and outreach. "Earth Science Week 2009 will provide educators, students, and interested citizens with the information, resources, and activities they need for scientifically sound climate education."

Free standards-based classroom activity ideas and resources connected with the theme are available at www.earthsciweek.org. One resource of note is *Climate Change: Frequently Asked Questions*, a National Oceanographic and Atmospheric Administration report. Targeted to teachers, the report answers 19 key questions ranging from "What factors determine Earth's climate?" to "How do human activities contribute to climate change, and how do they compare with natural influences?"

Climate is also related to this year's research project, the Sun Shadow Proj-

ect. Classrooms worldwide can join students from James Monroe Middle School in Albuquerque, New Mexico, in collecting data for Earth scientists from the U.S. Geological Survey, Antarctic Geologic Drilling, and Raytheon Polar Services. The Albuquerque students began this project in October 2007; it has grown to become an international study "with data coming in from the United States, Egypt, China, Russia, Norway, and both of Earth's poles," according to the website. The project seeks to answer this question: Are shadows longer during the winter, when the Sun is at a lower angle to the Earth, or longer in summer, when the opposite is true? Teachers will appreciate the project's flexibility: Students can take measurements daily from the equinox (September 22, 2009) to the solstice (December 21, 2010), just on those two special days, or at some other times.

Teachers, students, and parents can also learn about climate and other topics at AGI's new Facebook Earth Science Week fan page at www.facebook.com/pages/Earth-Science-Week/245197016617df-nl.

AGI is sponsoring three climate-related contests for U.S. students. The photography contest, for all ages, focuses on "How Climate Shapes My World." The visual arts contest, themed "The Climate Where I Live," is open to K-5 students. For the "Climate Connections" contest, students in grades 6-9 can submit essays of up to 300 words describing how climate interacts with Earth's systems—geosphere, hydrosphere, atmosphere, and biosphere—in their area.

Entries are due on **October 16**. Each contest has a first-place prize of \$300 and a copy of AGI's *Faces of Earth* two-DVD package. ●

Need Funding?



The Vernier/NSTA Technology Awards acknowledge the creative use of data-collection technology using a computer, graphing calculator, or other handheld in the science classroom. The judges are looking for an innovative idea you have implemented or plan to implement in your classroom.

Awards:

A total of seven \$3,000 awards will be presented:

- One award at the elementary level (grades K-5)
- Two awards at the middle level (grades 6-8)
- Three awards at the high school level (grades 9-12)
- One award at the college level

Recognition:

The award-winning teachers will receive an expense-paid trip to the NSTA National Convention (expenses not to exceed \$1,000), a check for \$1,000, and \$1,000 in Vernier products.

The Vernier Technology Award guidelines and application form for 2009 are available at www.vernier.com/grants/nsta.html

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Application deadline extended for receipt by NSTA for 2009 awards to Nov. 30, 2009

NSTA Reports

<http://www.nsta.org/publications/news/story.aspx?id=56460>

NSTA Reports

Earth Science Week 2009 to Focus on Climate

9/9/2009 - NSTA Reports by Debra Shapiro



Free teaching materials, a research project, and student contests are part of this year's Earth Science Week celebration, taking place October 11-17. The American Geological Institute (AGI), which holds this event to promote the Earth sciences, has chosen the 2009 theme: Understanding Climate.

Students and the general public need to understand Earth's climate system, above and beyond the sound bites of public debate, says Ann E. Benbow, AGI's director of education and outreach. Earth Science Week 2009 will provide educators, students, and interested citizens with the information, resources, and activities they need for scientifically sound climate education.

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UNDERSTANDING CLIMATE CELEBRATE EARTH SCIENCE WEEK 2009

By Geoff Camphire



Wherever you live, climate shapes how you dress, eat, work, and play. Scientists today are laboring to better understand Earth's climate. And that's why this timely topic is the focus of Earth Science Week 2009. Under the banner of this year's theme – "Understanding Climate" – Earth Science Week offers activities, resources, and programs to help your students learn about the science of climate.

During the 12th annual Earth Science Week (Oct. 11-17, 2009), millions of people in all 50 states and around the globe are sampling groundwater, monitoring weather, touring quarries, exploring caves, preparing competition projects, visiting museums and science centers, and learning about Earth science. Each year, the American Geological Institute (AGI) reaches more than 20 million people through this campaign promoting better understanding of the geosciences and stewardship of the planet. People everywhere are getting involved:

- Earth Science Week is partnering with the International Year of Planet Earth (www.yearofplanetearth.org) to promote geoscience understanding with resources and activities, such as a photo contest (see below).
- Earth science enthusiasts and educators throughout the United States are using the new Earth Science Organizations website (<http://www.earthsciweek.org/gpn>) to identify event collaborators where they live.
- Citizen scientists are taking part in international projects focusing on climate, such as the Sun Shadows Project (www.earthsciweek.org/researchproject/index.html).
- New partners such as the U.S. Department of Energy and the Environmental Protection Agency are joining forces with Earth Science Week to promote Earth science education with online and kit activities.
- And AGI is partnering with the Association for Women Geoscientists to organize the first annual Women in the Geosciences Day – Thursday, Oct. 15 – during Earth Science Week.

The Earth Science Week 2009 educator kit and website (www.earthsciweek.org) provide more than a hundred lessons, materials, and links on climatology. These initiatives and resources are designed to promote "understanding climate" during Earth Science Weekempowers!

The Murfreesboro Post

Murfreesboro, Tennessee

<http://www.murfreesboropost.com/mod/calendar/2009/10/12/18211238/MTSU-Earth-Science-Week.htm>



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Contact: Dr. Mark Abolins, 615-594-4210, [email](#)



View Larger Map

MTSU's Department of Geosciences will sponsor the campus celebration of Earth Science Week with a diverse array of activities that are free and open to the public Oct. 12-16. Earth Science Week is an annual international event sponsored by the American Geological Institute. This year's theme is "Understanding Climate." Undergraduate geosciences students will provide free geochemical analyses of drinking water for the campus community. Participants can pick up sample vials in Room 325 of the Kirksey Old Main (KOM) building, fill the vials with water and take them to the Forrest Hall Annex at one of the following times: • Monday, Oct. 12, from 12:30 p.m.-2:30 p.m. • Tuesday, Oct. 13, from 10:30 a.m.-12:30 p.m. • Wednesday, Oct. 14, from 8 a.m.-10 a.m. • Thursday, Oct. 15, from 11 a.m.-3 p.m. • Friday, Oct. 16, from 8 a.m.-10 a.m. Dr. Mark Abolins will host a hands-on event titled "Understanding the Environment with GPS (Global Positioning System) and Satellite Images" on Wednesday, Oct. 14. Interested persons should meet at 9:10 a.m. in KOM Room 308 and be prepared to go outside to use GPS on campus. The MTSU Mineral, Gem and Fossil Museum, located in Room 119 of Ezell Hall, will open its doors from 11:15 a.m.-4:00 p.m. on Wednesday, Oct. 14. Dr. Melissa Lobegeier and Heather Volker, both geosciences faculty members, will present "Geoscience as Green Science" at 4:20 p.m. on Thursday, Oct. 15, in KOM Room 452. Capping the week's events will be a discussion by Dr. Jonathan Gilligan, a Vanderbilt University environmental policy expert, at 1:50 p.m. on Friday, Oct. 16, in KOM Room 452. A graduate of Yale and Swarthmore, Gilligan will describe the scientific and human impact of climate change while also drawing on his own research on policy measures to abate greenhouse gas emissions.

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Washington Post

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The Washington Post

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A Natural Learning Environment

Outdoor Classroom Helps Reston Students Explore Life Sciences

By Emma Brown
Washington Post Staff Writer
Thursday, October 15, 2009

Twelve-year-old Irving Tinajero declined an invitation to pick up a few of the countless insect larvae and other alien-looking specimens that squirmed in a plastic tub on the banks of Glade Stream in Reston.

"I'm scared," he said, stepping back, eyes wide. Then a classmate announced the discovery of a salamander in the tub, and Irving forgot his fear.

"Oh, cool!" he said, leaning forward. "Can I touch it?"

That was one of many moments of discovery last Thursday, when more than 200 seventh-graders from Langston Hughes Middle School explored Reston's outdoor classrooms -- its lakes, streams and forests -- as part of No Child Left Inside Day. The national environmental education initiative, sponsored by the American Geological Institute, was launched last year with a similar all-day field trip at Hughes.

"What we want to do is help them understand that what's happening within the four walls of the classroom actually relates to the real world and to careers in this field," Principal Aimee Monticchio said.

Carrying backpacks stuffed with bag lunches and clipboards for their field notes, students walked about a mile along paths from the school to Lake Audubon. There, they embarked on a multidisciplinary investigation of place.

Rotating among 10 stations set up along both sides of Twin Branches Road, they wrote haikus, made leaf rubbings and learned about mapping, stream flow, water chemistry, beavers and salamanders.

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Sunday, September 20, 2009 8:10 AM CDT

Science (off) rocks

By JENNIFER SPITZ jennifer.spitz@wfcourier.com

WATERLOO — Some people see rocks and they see a hobby. Others see science. Some people see money. Geologist Sherman Lundy, of LUNDY Aggregates LLC, sees all three.

As for the people who see none of the above, Lundy would like a word with them.

Lundy is giving the curious, scientists and hobbyists a chance to explore deep under Iowa's soil Sept. 27 for "Sunday at the Quarry" — an open house at Morgan Quarry, 5600 W. Waterloo. The event is part of Earth Science Week held in cooperation with the University of Northern Iowa earth science department.

Lundy said he hopes the event shows people the role earth scientists play in people's daily lives.

There's no connection between these rock piles and their relation to the road they drive on, Lundy said, pointing to piles of the quarry's rock that is destined to become part of Iowa highway shoulders.

Morgan Quarry provides Iowa Department of Transportation-approved materials for gravel roads and highway shoulders. That's only part of the story the quarry has to tell.

"You're standing on a history book of millions of years," said Glen Groves, of the Black Hawk Geom and Mineral Society.

The layers of rock show millions of years of Iowa geologic history, said UNI geology professor John Groves.

The top layers reveal evidence of glaciers that covered the region half a million years ago.

The retreating glaciers left behind the landscape when they melted, shaping Iowa into what it is today, Groves said.

"You can actually see scratch marks," Groves said, pointing to the dark upper layers of rock exposed in the quarry.

Reveals those layers, evidence abounds these rocks are fossilized layers of sea floor from millions of years ago. Shells of primitive brachiopods are embedded in the gray rock.

The 400-million-year-old sea floor is open for examination at the quarry.

"People, when they come out here, they are astounded," Groves said. "They have no idea the earth could change so much."

On Sunday, people can fill the quarry's open pits for fossils, and the quarry will have a display of the fossils. Rock hounds can keep what they see, Lundy said.

Groves expects about a dozen students and four UNI faculty members to be on hand Sunday to answer questions and do a little strolling themselves.

But will have people from the unknown to the deeper part of the quarry. Lundy said he expects 500 to 1,000 visitors to the annual event.

Lundy says he hopes to show the earth as a whole.

"When you're a little curious, you want to learn a little more," he said. "Then, make you study at UNI."

Lundy said he sees earth science as the "mother of all sciences." It is the intersection of physics, geology, chemistry and biology.

Not understanding those sciences can lead to disaster.

Tried building a development and then complaining that the basement floods, Lundy said.

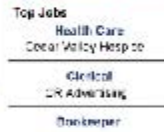
Better understanding can help keep a project on track, Lundy said. He wants to show how his field in earth science can make people's lives better.



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