

Section 2

Earth Science Week 2006 Highlights

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USGS Earth Science Week Message

USGS Director, P. Patrick Leahy



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Earth Science Week, October 8-14, 2006

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Director's Message



An exceptional wildfire season, the anniversary of Hurricane Katrina, human health concerns, and increased awareness of global climate change are several reasons to emphasize the importance of understanding Earth and its interrelated processes. Earth Science Week offers an excellent opportunity to connect with our communities in ways that lead to collaborative relationships, improved education, and informed decision-making. We can all help create Citizen Scientists for mutual benefit and useful achievement.

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October 8-14 is Earth Science Week 2006. This year's theme, "Be a Citizen Scientist!" encourages everyone to learn about the planet on which we live by using the fundamental approaches of science: collecting data, observing and interpretation. As the role of earth science in meeting society's needs continue to grow, we see all sectors of society – government, private industry, and individuals – turning to science to understand some of the most important challenges our Nation faces. A science-literate society can assist in improving the quality of life for all as we strive to understand how earth processes interact to affect the health, safety, and well being of the world around us. The USGS is pleased to be the primary sponsor and major material contributor to this international event organized by the American Geological Institute.



Serving for 127 years as the nation's natural science and information agency, USGS is committed to providing the scientific understanding that is needed to: understand Earth; mitigate the loss of life and property from natural disasters; and manage water, biological, energy, and mineral resources. This is a complex challenge, one that requires quality observations and analyses on all scales – from local to global. Through observation and analysis, our researchers are monitoring and unlocking some of Earth's most difficult mysteries and challenges. The USGS has been at the forefront of advances in understanding Earth, its processes, and its resources. USGS scientists pioneered hydrologic techniques for gaging the discharge in rivers and streams and modeling the flow of complex ground-water systems. Innovative ventures with the private sector have given the world access to digital images of neighborhoods and communities in one of the largest data sets ever made available online. Modern-day understanding of the formation and location of energy and mineral resource deposits is rooted in fundamental scientific breakthroughs by USGS scientists. USGS biologists revolutionized thinking about managing wildlife resources, which has provided a sound scientific basis that lets waterfowl conservation and recreational hunting work in tandem as adaptive management, not as conflicting interests. Advances in seismology are making early warnings of earthquakes a reality that will give the needed alert time to save lives.

I encourage you to explore this exciting science and some of our information that we are providing for this event. I further invite you to become our long-term partners exploring, with us, the full range of our science for a changing world.

P. Patrick Leahy



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October Science Picks—Leads, Feeds and Story Seeds



[Printer-Friendly](#)

Released: 10/20/2006 Contact Information:

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Need to find a USGS contact mentioned below? Use the [USGS Employee Directory!](#)

Leaves are changing and pumpkins are peeking from every corner.

Leaves are changing and pumpkins are peeking from every corner. October hosts a multitude of story possibilities and an opportunity to "Be a Citizen Scientist" with this year's Earth Science Week, Oct. 8-14, an annual event sponsored by the American Geological Institute and its member organizations. October *Science Picks* provide the most current USGS science news and information. *Science Picks* help you cover ongoing earth and natural science research, investigations and technology. Photos and Web links are also provided to enhance your story.

October Highlights:

- **First-of-Its-Kind Operation Tells Tale of Towering Water**
- **USGS Reports First Spawning of White Fish in Detroit River Since 1900s**
- **Monitoring Project Fosters Stewardship and Enthusiasm for Unusual Bird**
- **Local Students put Mussel into Stream Surveys**
- **Decline of the Glacier Murrelet, a Pleistocene Relict in an Age of Climate Change**
- **In a Spin - Wind Power, Birds and Bats**

and more...upcoming local events in "SEEDS" below

USGS News Release
Reston, Virginia



News Release

U.S. Department of the Interior
U.S. Geological Survey

Address:
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Release
October 13, 2006

Contact
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1350 students celebrate Earth Science Week at USGS

In celebration of *Earth Science Week*, 1350 students from more than 20 local schools will visit the U.S. Geological Survey (USGS) in Menlo Park on Friday, Oct. 13, from 9:30 a.m. – 2:30 p.m., to meet with scientists for hands-on activities, workshops, and demonstrations.

Through the wonders of sonar imaging and computer 3-D modeling, students will view detailed images of the floor of San Francisco Bay, and they will examine sediment samples brought up from the bottom of the bay. They can examine tiny organisms through microscopes, and learn about creeping earthquake faults (they're not just creepy on Halloween!). Marine scientists will be displaying the strange critters and mineral chimneys discovered during mid-ocean ridge explorations, and students will have the opportunity to compare the volcanic eruptions of Mount St. Helens and Kilauea, learn how to read a map, discover the rocks and minerals of the Bay Area, make their own earthquakes, and much more.

Earth Science Week is celebrated Oct. 8-14, 2006. The theme for this annual event is "Be a Citizen Scientist!" and focuses on what it means to be involved in science. Citizen science is real people collecting data, observing, and testing. No formal education in Earth science is needed to be a citizen scientist, only an interest and desire to learn. A citizen scientist is YOU involved in real science and research!

The USGS in Menlo Park is only one venue in the nationwide celebration for *Earth Science Week*. Earth scientists at universities, government agencies and businesses nationwide are opening their doors to visitors, visiting classrooms, and hosting field trips. *Earth Science Week* was established in 1998 by the American Geological Institute (AGI) to give students and citizens new opportunities to discover Earth sciences and to encourage stewardship of the Earth. It highlights the important contributions that Earth and environmental sciences make to society and invites the public to become engaged in current scientific exploration. AGI and the USGS are sponsoring national essay, visual arts, and photography contests for school children. More information about USGS *Earth Science Week* activities in Menlo Park is available on our Website at <http://www.usgs.gov/earthscience>. Information about the national celebration is online at <http://www.earthsciweek.org/>.

USGS National Wetland Research Center Press Release
Lafayette, Louisiana



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National Wetlands Research Center

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Press Release

U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
700 Cajundome Blvd.
Lafayette, LA 70506

Contact: Gaye S. Farris
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For Release: October 8, 1999

USGS National Wetlands Research Center Celebrates Earth Science Week

The U.S. Geological Survey's National Wetlands Research Center will celebrate Earth Science Week, Oct. 10-16, with events ranging from readings about Clovis Crawfish to a teacher workshop on maps and aerial photography.

Earth Science Week was begun last year by the American Geological Institute to highlight the vital role geosciences play in human stewardship of the environment. Dr. Robert E. Stewart, Director of the USGS National Wetlands Research Center, said, "The USGS is responsible for giving communities, decision makers, and partners information on how earth and life sciences increase the understanding of critical environmental relationships. We will be doing that this week through activities that are aimed at reaching preschoolers to college students to teachers."

On Tuesday, Oct. 12 at 2 p.m. in the conference room Kylee Wilton will speak on "Mangrove transgression into saltmarshes in southeastern Australia." Wilton is with the Australian Department of Land and Water Conservation and is a doctoral candidate from the Australian Catholic University.

Also on Tuesday at 6 p.m., Mary Alice Fontenot, author of the well known Clovis Crawfish children's book series, will be reading about Clovis and his wetland pals. The series celebrates not only the wetlands of Acadiana but also the Cajun culture and language. A book signing will follow the readings to be held in the conference room of the center, located at 700 Cajundome Blvd., in Lafayette.

According to NWRC librarian Judy Buys, "The Clovis Crawfish series is not only beautiful and fun, but the books are also quite factual. Ms. Fontenot has worked with our library to get information for several of these books." The event is free but seating is limited. To reserve seats, call and leave a message with a name and number of attendees at 337 266

USGS S.O. Conte Anadromous Fish Research Center News Release
Turners Falls, Massachusetts

**S.O. Conte Anadromous Fish Research Center
News Release 2006**

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 20, 2006, the Lab hosted 90 seventh and eighth graders from the Great Falls Middle School from Turners Falls, and about 300 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 of fish. 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.

USGS Activities in Your State

Earth Science Week Website



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USGS Activities In Your State



USGS online resources, activities, and events in support of Earth Science Week will be featured here as they are available. Check back frequently to see what's happening.

[California](#) | [Maryland](#) | [New England](#) | [Northeastern US and Atlantic Canada](#) |

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California

Earth Science Day at the Menlo Park Science Center: The USGS Menlo Park Science Center in Menlo Park, California will host over 1,000 children from local schools for Earth Science Day on Friday, October 13. Approximately 20 hands-on exhibits and activities will be staffed by USGS scientists from many earth science disciplines. Learn about Mt. St. Helens volcanic eruptions, see National Park photography (in 3D!), touch rocks from the Bay Area region, learn about maps, and much more! Space is limited, so reservations must be made in advance. Any interested school groups should send an email to clryan@usgs.gov or call 650-329-4356. Exhibits are targeted for grades 1-8.

Earth Science Week toolkits from the American Geological Institute are available at the Map and Publication Sales (MaPS) office at the Menlo Park Science Center for as long as they last. The toolkits cannot be mailed out, but they are free to walk-in visitors. Call 650-329-4309 to check on availability and see [Menlo Park Campus](#) for a map and directions to the sales office.


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Maryland

Explore Nature and Research at the Patuxent Wildlife Festival: Celebrate the Annual Patuxent Wildlife Festival, Saturday October 14th from 10am to 3pm at the National Wildlife Visitor Center in Laurel, MD. See live animal demonstrations, explore habitats on wildlife conservation tram tours, view research exhibits, hike trails, engage in children's crafts, and explore behind-the-scenes areas of the Patuxent Wildlife Research Center including endangered whooping crane facilities. All activities are free (except tram tours). Visitors will gain insight into the history of research and the unique partnership between the U.S. Fish and Wildlife Service and the U.S. Geological Survey as the agencies celebrate Earth Science Week and National Wildlife Refuge Week. The National Wildlife Visitor Center is located at 10901 Scarlet Tanager Loop (off Powder Mill Road between the Baltimore Washington Parkway and Rt. 197), just south of Laurel, MD. For more information please call 301.497.5763 or TDD 301.497.5779. If you have any special needs please contact the Refuge at least two weeks prior to the event so that we may accommodate you.

For more information or directions visit: [Patuxent Research Refuge Home Page](#) and [Patuxent Research Refuge Special Events 2006](#).

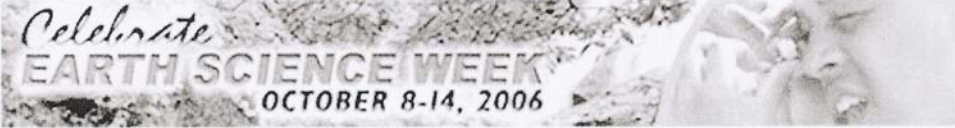

USGS Earth Science Week Website



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Earth Science Week, October 8-14, 2006

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"Be a Citizen Scientist" is this year's theme for Earth Science Week (ESW), an annual event sponsored by the [American Geological Institute](#) and its member organization.

USGS Fact Sheets provided to this year's Earth Science Week Toolkits



- [USGS Education Resources for Earth Science Week](#) (13.5 MB PDF)

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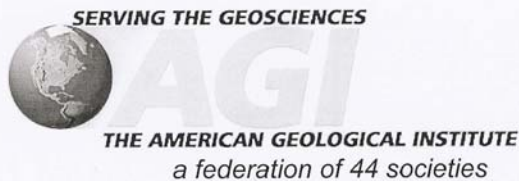
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Page Contact Information: [Ask USGS](#)
Page Last Modified: Friday, September 22, 2006



AGI Press Release
Alexandria, Virginia



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FOR IMMEDIATE RELEASE
May 10, 2006

Contact: Andrea Martin
asm@agiweb.org

ALEXANDRIA, VA - The American Geological Institute (AGI) announces the theme for Earth Science Week 2006: "Be a Citizen Scientist!" The year's Earth Science Week, October 8-14, will engage students and the public in conducting real "citizen science" research and help to spread science literacy.

"Citizen science affords everyone an opportunity to investigate earth science questions," says Ann E. Benbow, Ph.D., AGI's Director of Education and Outreach. "This Earth Science Week, we will be encouraging students, teachers, and the general public to become actively involved in a variety of citizen science programs with earth science themes. We hope that such involvement will highlight the value of Earth science in everyone's life and raise the profile of the important work that geoscientists do."

AGI invites earth science educators, professionals, and interested individuals to get involved now. For this year's Earth Science Week, AGI is promoting and facilitating a number of activities. Central to this year's celebration is AGI's efforts to engage students and other members of the community to collect data related to scientific endeavors, to make discoveries. As in prior years, AGI will be coordinating national essay, photography, and visual arts contests related to "Citizen Science."

Starting in August, AGI will begin distributing Earth Science Week education kits to support individuals and groups interested in holding their own Earth Science Week activities and programs. Also, the Institute is supporting public events, awareness efforts, discussion forums, and much more.

Earth Science Week 2006 marks the ninth year AGI has sponsored this international event as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebration events. The goal is to offer the public opportunities to discover the Earth sciences and promote responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey and other geoscience organizations. Learn more at <http://www.earthsciweek.org>

The American Geological Institute is a nonprofit federation of 44 scientific 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 interest 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 the resources and interaction with the environment. More information about AGI can be found at <http://www.agiweb.org/>. The Institute also provides a public outreach site at <http://www.earthscienceworld.org/>.



SERVING THE GEOSCIENCES

THE AMERICAN GEOLOGICAL INSTITUTE
a federation of 44 societies

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FOR IMMEDIATE RELEASE
June 19, 2006

Contact: Geoff Camphire
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Earth Science Week National Contests Announced

ALEXANDRIA, VA – The American Geological Institute is sponsoring three national contests as part of the 2006 Earth Science Week, “Be a Citizen Scientist!” which is held October 8-14. The three contests including Photography, Visual Arts, and Essay, offer opportunities for both students and the general public to participate in Earth Science Week.

The Photography contest, open to all ages, will focus on “Using and Studying Earth’s Resources.” Participants are encouraged to be creative and submit pictures of geoscientists studying or working with the earth’s natural resources or of people using these resources.

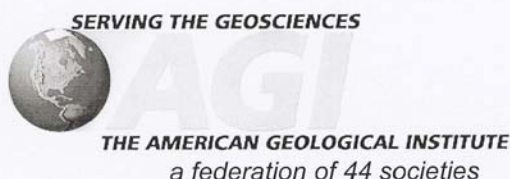
This year’s Visual Arts contest is “Earth Science in your Home Town.” Students in grades K-5 are encouraged to draw, paint or create a poster on any aspect of earth science that affects their local community. Artwork entries should be no larger than 24 x 36 inches.

Finally, students grades 5-9 are eligible to enter the Essay Contest “Be a Citizen Scientist.” Essays should be no longer than 500 words and are to highlight the ways every person can contribute to a better understanding of our planet.

The first place prize for each contest is \$300. To learn more about these contests including how to enter, please visit <http://www.earthsciweek.org/contests>. Go to <http://www.earthsciweek.org> to learn about additional ways in which to become involved with Earth Science Week.

The American Geological Institute is a nonprofit federation of 44 scientific 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 interest 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 the resources and interaction with the environment. More information about AGI can be found at <http://www.agiweb.org/>. The Institute also provides a public outreach site at <http://www.earthscienceworld.org/>.

AGI Press Release
Alexandria, Virginia



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FOR IMMEDIATE RELEASE
July 12, 2006

Contact: Geoff Camphire
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AGI Announces Release of 2006 Earth Science Week Toolkit

ALEXANDRIA, VA – In support of Earth Science Week 2006 (October 8-14), the American Geological Institute (AGI), working with government agencies and other scientific and educational organizations, has developed the 2006 Toolkit for grades K-12 and beyond focusing on “Be a Citizen Scientist”.

This year AGI has published a new edition of its popular Earth Science Calendar filled with activities and important geoscientific dates, which is included in the Toolkit. These activities, supplied by AGI member societies and other organizations, engage students in learning about the earth sciences while they collect data throughout the year for ongoing research projects. The Toolkits also include factsheets on citizen science programs from the U.S. Geological Survey, a DVD entitled “Views of the National Parks” from the National Parks Service, and a lithograph about ozone and a cloud chart from NASA.

The Smithsonian Institution has developed “Earth from Space”, a new web resource for teachers that compliments the traveling exhibition by the same name that will be launching in time for Earth Science Week 2006. The Toolkit includes more information about this interactive website that uses satellite images and features downloadable lessons based on the National Standards. The “Earth from Space” exhibit begins its national tour in November 2006 at the National Air and Space Museum.

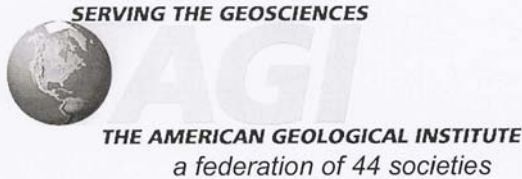
In addition, the Toolkit contains an activity-rich poster for grades K-5 from Scholastic, posters from IRIS and EarthScope, and materials from the Geological Society of America, plus much more.

The Toolkit can be pre-ordered now. Shipping will begin in late July. Individual kits are available for \$4.95 to cover the cost of shipping and handling. Bulk pricing is available. Visit <http://www.earthsciweek.org/materials/> to order the 2006 Earth Science Week Toolkit. Toolkits from 2004 and 2005 are also in stock.

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 coordinated by the American Geological Institute with generous support from the U.S. Geological Survey, the AAPG Foundation, and the National Park Service. To learn more about this event, please visit <http://www.earthsciweek.org/>.

The American Geological Institute is a nonprofit federation of 44 scientific 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 interest 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 the resources and interaction with the environment. More information about AGI can be found at <http://www.agiweb.org/>. The Institute also provides a public outreach site at <http://www.earthscienceworld.org/>.

AGI Press Release
Alexandria, Virginia



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FOR IMMEDIATE RELEASE
September 26, 2006

Contact: Geoff Camphire
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**The American Geological Institute (AGI) and Scholastic Bring
Earth Science Week to Life in Classrooms Nationwide October 8-14**

**Science Teaching Guide, Classroom Activities and AGI's New GeoSource Online Science
Professional Development Tool Available for Teachers**

Alexandria, VA – The American Geological Institute (AGI), together with Scholastic, the global children's publishing, education and media company, and the American Geological Institute Foundation, have developed "The Wonders of Earth," a new science teaching guide to promote science education in celebration of Earth Science Week 2006, October 8-14, 2006, and AGI's newest educational program, K-5 GeoSource, an online science professional development tool for elementary-level teachers.

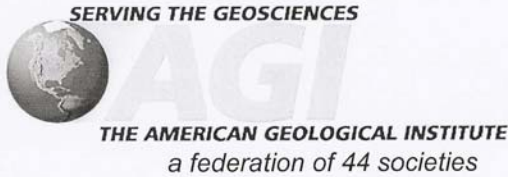
Next month, "The Wonders of Earth" poster teaching guides will be distributed to more than 150,000 educators nationwide. The teaching guides provide teachers with grade-appropriate and standards-based classroom activities that explore and celebrate science. Every lesson helps students dig into earth science by teaching the six scientific processes. Following these steps, students will explore the earth's minerals, what causes earthquakes and how to predict the weather.

"We are excited to unlock the Earth's secrets and provide teachers with classroom tools that will further science discussions and activities with their students," Ann Benbow, AGI Director of Education and Outreach. "Earth Science Week is a wonderful teaching moment that allows students to explore and better understand the world around them."

Through AGI's web site, elementary science teachers in grades K-5 can access GeoSource (<http://www.k5geosource.org/index.html>), a new professional development program with science activities, educational resources, and information on how to enroll in graduate-level online courses.

The teaching guides are also included in AGI's Earth Science Week 2006 Toolkit, a materials packet to help educators, museums, and parks celebrate the annual event. The theme of this year's Earth Science Week is "Be a Citizen Scientist." In addition to the teaching guides, the toolkits contain classroom posters, an activity calendar, a DVD, brochures, and more. Teachers can learn more about Earth Science Week and order materials at <http://www.earthsciweek.org/>.

AGI Press Release
Alexandria, Virginia



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www.agiweb.org

FOR IMMEDIATE RELEASE
September 27, 2006

Contact: Geoff Camphire
gac@agiweb.org

Earth Science Week Kicks Off with International EarthCache Day, Washington, D.C.

Alexandria, VA – Earth Science Week 2006 will begin with the first International EarthCache Day from 1 to 2 p.m. Sunday, Oct. 8, 2006, on the National Mall in Washington, D.C. The public is invited to join the EarthCache team from the Geological Society of America, in association with Groundspeak Inc., the American Geological Institute, and the National Park Service, in celebrating the exciting educational geocaching tool of EarthCaching at this event on the grounds northwest of the Washington Monument.

This event will give participants an opportunity to see how EarthCaches are developed and allow them to speak to EarthCaching officials about ideas for potential EarthCaches. Participants also can learn about the EarthCache Masters pin program and receive their own white EarthCache Masters pin. Additional EarthCache events are being held on the same day in other states and countries. To view the locations for this and other EarthCaching events, please go to <http://www.earthcache.org/>. Currently more than 550 EarthCaches are located in 27 countries, and the number is growing rapidly.

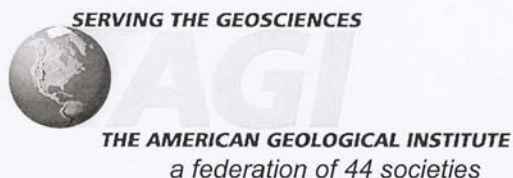
Earth Science Week is an annual event sponsored by the American Geological Institute to expand the public understanding and appreciation for the earth sciences and to encourage stewardship of the Earth. This year's Earth Science Week will be October 8-14. To learn more about Earth Science Week and this event please visit <http://www.earthsciweek.org/>.

As well as meeting the EarthCache and Earth Science Week teams, Greg Forbes, the Severe Weather Expert of The Weather Channel will speak on the effects of weather on the Washington Monument and other local edifices. Participants will learn about the various stones that make up the nation's monuments.

Speakers will discuss how EarthCaches can be developed. Participants will be encouraged to engage in hands-on activities as well as sharing ideas and stories about their geocaching experiences. Travel bugs and geocoins may be exchanged with other participants. Afterward, participants are encouraged to try their hands at finding and logging geocaches and waymarks in the close vicinity.

The American Geological Institute is a nonprofit federation of 44 scientific and professional associations that represent 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 our profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in mankind's use of resources and interaction with the environment. More information about AGI can be found at <http://www.agiweb.org>. The Institute also provides a public-outreach web site, <http://www.earthscienceworld.org>.

AGI Press Release
Alexandria, Virginia



4220 King Street
Alexandria, VA 22302-1502
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www.agiweb.org

FOR IMMEDIATE RELEASE
November 7, 2006

Contact: Geoff Camphire
gac@agiweb.org

AGI Announces Winners of 2006 Earth Science Week Contests

Alexandria, VA -- The American Geological Institute (AGI) is pleased to announce the winners of the 2006 Earth Science Week contests. The national contests capped off a week of celebration as students, educators, and members of the public explored the importance of citizen science as part of the 2006 Earth Science Week theme "Be a Citizen Scientist!". This year a record of more than 1,000 submissions were sent in from across the country for the three contests which included photography, visual arts, and an essay contest.

Carson Conover of Orrtana, Pennsylvania received the top award in the Photography contest for his picture of windmills on the waters edge. Submissions in this category were to highlight the use or study of the Earth's natural resources. Conover's photograph accomplished that goal by depicting how the wind's energy can be harnessed.

The Visual Arts Contest first place winner was **Rama Bushra Imad** of Houston, Texas. She followed the guidelines of "Earth Science in Your Hometown" by drawing the Earth's atmospheric layers and the satellites that send data and images back to NASA Mission Control in Houston.


The winner of the Earth Science Week Essay Contest was **Ray Daniels** of Herndon, Virginia. Students in grades 5 through 9 were asked to write a 500 word essay on how they could be a citizen scientist. Daniels wrote a very creative essay entitled "Finding Caerulium" about a boy who discovers a new blue mineral in an underground cave.

To view the top submissions in all three of the 2006 Earth Science Week Contests please visit <http://www.earthsciweek.org/contests/index.html>

Earth Science Week is an annual event coordinated by the American Geological Institute to promote an understanding and appreciation of the value of earth science and its importance in our daily lives. To learn more about this program and how to get involved please go to <http://www.earthsciweek.org/>.

The American Geological Institute is a nonprofit federation of 44 scientific 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 interest 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 the resources and interaction with the environment. More information about AGI can be found at <http://www.agiweb.org/>. The Institute also provides a public outreach site at <http://www.earthscienceworld.org/>.

NASA Earth Science Earth Science Week Announcement



National Aeronautics
and Space Administration

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EARTH SCIENCE

Are you a Citizen Scientist? If so, "Earth Science Week" is Your Time to Shine

10.12.06

Looking under rocks or up at the sky, do you find yourself constantly searching for scientific adventures? Are you often observing, collecting data and testing? If so, you may be a citizen scientist, and boy, does NASA have some projects for you! Your desire to learn and to be involved in real science makes you an ideal participant in two Earth science-related programs: S'COOL, or Students' Cloud Observations On-Line, and MY NASA DATA, or Mentoring and inquirY using NASA Data for Atmospheric and Earth science for Teachers and Amateurs.

This week, October 8 to 14, is Earth Science Week, a program sponsored by the American Geological Institute. Earth Science Week promotes understanding and appreciation of the value of Earth Science research and its applications and relevance to our daily lives. What a perfect time to learn more about S'COOL and MY NASA DATA!




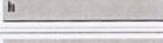



Image above: This week is Earth Science Week. Celebrate by finding your own scientific adventure! Credit: American Geological Institute


Since January 1997, NASA has helped thousands of students and citizen scientists around the world take part in actual scientific experiments through the S'COOL project. This unconventional collaboration between NASA scientists and students is remarkably beneficial to both groups -- the students are able to learn fundamental scientific principles, while the scientists are able to use the students' observations, or ground truth measurements, to assist in the validation of the NASA satellite instruments called CERES.

CERES, or Clouds and the Earth's Radiant Energy System, is a high priority scientific experiment that includes five space-based instruments on three different satellites: the Tropical Rainfall Measuring Mission (TRMM) spacecraft, the Terra spacecraft, and the Aqua spacecraft. Scientists are using measurements from each of these instruments to study the ways in which clouds may affect Earth's climate.

Clouds often occur in many layers that are hard to differentiate from space. Small, thin clouds, and clouds over bright surfaces, such as snow, are especially challenging to detect from space. To improve their ability to accurately identify and account for clouds, scientists use ground observations. The number of ground sites available limits these ground observations, or ground truth measurements. To increase the number of ground sites, NASA has engaged students from around the world in the S'COOL project, asking them to take a few minutes from their day, when available, to go outside and observe the sky above their school as the satellite flies overhead. The students then report their observations using an on-line form.

Universal Time: 16:39:00	Date: 2006-09-27		
Visualization		Altitude (km)	
H i g h		9.68	<p>Image left: Through the S'COOL project, students and citizen scientists can submit their observations to NASA, and then compare their observations with those of the satellite instruments. Shown here is a visualization tool used to compare student observations (on the left) with satellite observations (on the right). The students observed a high percentage of low cloud cover, a small percentage of mid-level cloud cover, but could not see high-level clouds. The satellite, looking from the top, saw some high-level clouds, and a lot of mid-level clouds but very few low-level clouds.</p> <p>Similar to S'COOL is MY NASA DATA, a project to enable K-12 teachers and students, as well as citizen scientists, to explore the large volumes of data that NASA collects about the Earth from space. Participants use scientific inquiry and math skills as they access and display microsets of the Earth System.</p> <p>A main goal of the MY NASA DATA project is to remove the barriers (such as file size and format, and complicated computer tools) that prevent the use of authentic NASA Earth System Science data in the classroom or by the interested public. A microset is a small amount of data - perhaps a single parameter for the whole globe; or a time series for a single location - extracted from a much larger data file. It is in a simple format, such as plain text, or accessible through a user-friendly tool.</p>
M i d		6.80	
L o w		2.13	
			

NASA/Washington Science Teachers Association Space Grant Newsletter
La Center, Washington



The header features a grayscale image of a mountain range. Overlaid on the left is the WSTA logo. Across the middle, the text "Washington Science Teachers Association" is written in a large, stylized, outlined font.

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NASA Space Grant Newsletter

Posted by [rick](#) on Friday, September 29 @ 13:12:24 PDT

[More a news](#)

The Washington NASA Space Grant Consortium's electronic newsletter for teachers provides curriculum ideas, links and other resources to help you better meet the Washington EALRs and the National Science Education Standards.

History

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- CELEBRATE EARTH SCIENCE WEEK
- SUMMER ASTRONOMY WORKSHOP (9-12)
- NASA AT YOUR FINGER TIPS (K-12+)
- OCEAN EXPLORATION WORKSHOP (6-12)
- PLAY AND LEARN RESOURCES (K-12)
- MUSEUM OF FLIGHT ASTRONOMY DAY

CELEBRATE EARTH SCIENCE WEEK

Earth Science Week 2006 will be celebrated from October 8-14. This year's theme is "Be A Citizen Scientist!"

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.

The 2006 toolkit for teachers includes posters, fact sheets, DVD, CD and other materials. For more information, go to <http://www.earthsciweek.org/>

NASA Educators Resource

Earth Science Week Webpage



National Aeronautics
and Space Administration

EDUCATOR FEATURES

Print This Close Window

Earth Science Week: Be a Citizen Scientist!

10.11.06

You don't need a Ph.D. to be a scientist. You don't even need a sophisticated laboratory. You can be a scientist at any time -- at school or in your own backyard. We are all citizens of the Earth, which means we are all citizen scientists.

Image to right: Celebrate Earth Science Week, Oct. 8-14, 2006. Credit: NASA

This year's Earth Science Week theme -- "Be a Citizen Scientist!" -- encourages students to conduct science by doing the following:

- Digging up and examining rocks.
- Recording observations of clouds.
- Collecting data on water and air quality.
- Taking field trips to museums and science centers.
- Participating in other scientific and educational activities.

Earth Science Week is presented annually by the American Geological Institute to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth. NASA has contributed the following items to an educational kit designed to help teachers engage students in Earth science before, during and after this special week:

-- S'COOL Cloud Identification Chart

Developed by the NASA Students' Cloud Observations On-Line Project, this laminated chart organizes clouds by altitude and type. The back side includes information about the origin of cloud names, how scientists study clouds, and directions for how to make a cloud using water, a metal tray, ice, a jar and a match. To view the chart, visit the S'COOL Web site.



Image above: Participate in a workshop to learn how to use MY NASA DATA.
Credit: NASA

-- MY NASA DATA Flier

Short for "Mentoring and Inquiry Using NASA DATA on Atmospheric and Earth Science Teachers and Amateurs," MY NASA DATA is an effort to develop microsets of Earth science data that are accessible, interesting and useful to the K-12 and citizen scientist communities. A one-page, double-sided flier summarizes the project. The flier provides step-by-step directions for conducting an activity in which students in grades 9-12 use satellite data to correlate cloud cover with sun position. Visit the MY NASA DATA citizen scientists Web site.

-- The Ozone Monitoring Garden Lithograph

What is ozone? Where in the atmosphere is ozone found? How does ozone affect human life? How does NASA study ozone? These are some of the questions answered in a one-page, double-sided lithograph that features NASA's Aura satellite and NASA Goddard Space Flight Center's ozone garden, where plants are monitored for signs of leaf damage caused by high ozone levels. Additional information includes tips for how people can help reduce ozone and a list of related Web sites. For more information, visit the Ozone Monitoring Garden Web site.



Image above: Send your rock to a Mars scientist! Credit: NASA

-- Rock Around the World

National Park Service Digest

Daily Headlines

NPS Digest

NPS Gateway for Partners, Friends and Alumni

National Park Service
U.S. Department of the Interior



Daily Headlines

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NPS Celebrates Earth Science Week

[\[Printer-friendly text version\]](#)

Earth Science Week . Image courtesy of AGI.

Collaborating with other federal agencies and geology-based partner organizations, the National Park Service is pleased to play a large role in this year's Earth Science Week. The week kicks off on Sunday, October 8th with a media event at the Washington Monument grounds.

Earth Science week runs from October 9th to October 14th. Take this opportunity to connect with local schools, volunteer groups or other interested parties and share geologic information about your site. Each national park area will receive an Earth Science Week kit. Within the kit is a calendar with hands-on tips and activities for teachers, posters, a VIEWS of the National Park Service CD that provides virtual visits of select national parks, a NASA-generated flyer that explains how to develop ozone monitoring gardens, and other innovative and relevant earth science based teaching tools.

To order additional kits (at a cost of \$4.95 per kit), NPS staff can contact American Geological Institute (AGI) at 703-379-2480. Share your knowledge and help to develop future stewards of our national parks.

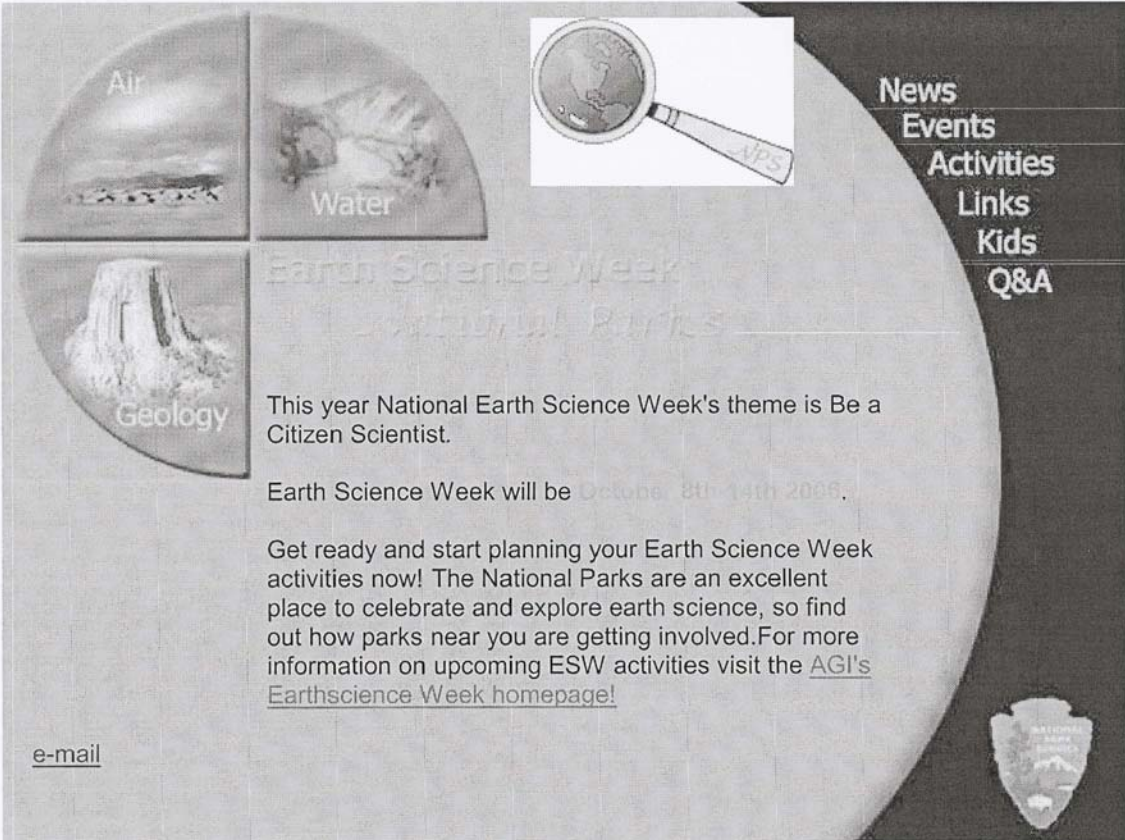
Contact Information

Name: Lynne Murdock

Phone Number: 202-513-7195

Email: lynne_murdock@nps.gov

National Park Service
Earth Science Week Website



A banner for Earth Science Week at National Parks. The background is a large, light-colored circle on a dark grey background. On the left, three circular panels show 'Air' (clouds), 'Water' (ocean), and 'Geology' (volcano). Above the circle is a magnifying glass over a map of the US with 'NPS' on the handle. On the right, a list of links: News, Events, Activities, Links, Kids, Q&A. In the center, text about the theme 'Be a Citizen Scientist' and dates 'October 8th-14th 2008'. Below that, a paragraph about planning activities and a link to the AGI's Earthscience Week homepage. At the bottom left is an 'e-mail' link, and at the bottom right is the National Park Service arrowhead logo.

News
Events
Activities
Links
Kids
Q&A


Earth Science Week
National Parks

This year National Earth Science Week's theme is Be a Citizen Scientist.

Earth Science Week will be ~~October 8th-14th 2008~~.

Get ready and start planning your Earth Science Week activities now! The National Parks are an excellent place to celebrate and explore earth science, so find out how parks near you are getting involved. For more information on upcoming ESW activities visit the [AGI's Earthscience Week homepage!](#)

[e-mail](#)



The Geological Society of America News Release

GSA Director of Education and Outreach, Gary Lewis



THE GEOLOGICAL SOCIETY
OF AMERICA

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NEWS RELEASE

27 September 2006
GSA Release No. 06-42

FOR IMMEDIATE RELEASE

Contact: Gary Lewis
Director-Education & Outreach
glewis@geosociety.org, (303) 357-1043

Earth Science Week Kicks Off at International EarthCache Day, Washington, D.C.

Boulder, CO — Earth Science Week 2006 will begin with the first International EarthCache Day from 1 to 2 p.m. Sunday, 8 Oct. 2006, on the National Mall in Washington, D.C. The public is invited to join the EarthCache team from the Geological Society of America, in association with Groundspeak Inc., the American Geological Institute, and the National Park Service, in celebrating the exciting educational geocaching tool of EarthCaching at this event on the grounds northwest of the Washington Monument.

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As well as meeting the EarthCache team, participants will hear from Greg Forbes, the Severe Weather Expert of The Weather Channel, who will speak on the effects of weather on the Washington Monument and other area edifices. Participants will learn about the various rock types that make up the building stones of the nation's monuments.

Speakers will discuss how EarthCaches can be developed. Participants will be encouraged to engage in hands-on activities as well sharing ideas and stories about their geocaching experiences. Travel bugs and geocoins may be exchanged with other participants. Afterward, participants are encouraged to try their hands at finding and logging geocaches and waymarks in the close vicinity.

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The Geological Society of America (GSA), founded in 1888, is a scientific society with 20,000 members from academia, government, and industry in more than 85 countries. Through its meetings, publications, and programs, GSA enhances the professional growth of its members and promotes the geosciences in the service of humankind. Headquartered in Boulder, Colorado, GSA encourages cooperative research among earth, life, planetary, and social scientists, fosters public dialogue on geoscience issues, and supports all levels of earth science education.

AAPG K-12 Resources Webpage

Earth Science Week Page

[AAPG Site Search](#) | [Home](#) > [K-12 Resources](#) > Earth Science Week

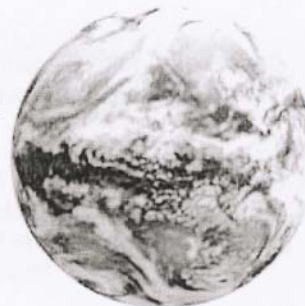
Earth Science Week



Celebrated October 8-14, 2006

The theme of Earth Science Week focused on the earth's most essential natural resource: Water. This year's theme was "Be a Citizen Scientist!"

Visit the [AGI Earth Science Week Web site](#) to review events and winners of contests to begin planning for 2006.



Earth Science Week Update

from American Geological Institute • Vol. 4, No. 1: July 2006

Earth Science Week 2006 Highlights Citizen Science

The American Geological Institute (AGI) has announced the theme for Earth Science Week 2006: "Be a Citizen Scientist!" The year's Earth Science Week, October 8-14, will engage students and the public in conducting real "citizen science" research and help to spread science literacy.

"Citizen science affords everyone an opportunity to investigate earth science questions," says Ann E. Benbow, Ph.D., AGI's Director of Education and Outreach. "This Earth Science Week, we will be encouraging students, teachers, and the general public to become actively involved in a variety of citizen science programs with earth science themes."

Earth Science Week 2006 marks the ninth year AGI has sponsored this international event. Each year, local groups, educators, and interested individuals organize activities to discover the Earth sciences and promote responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey and other geoscience organizations. Learn more at <http://www.earthsciweek.org>

Earth Science Week Toolkits Available for Pre-Order Now

Earth Science Week Toolkits will be released in August. To ensure that you are among the first to receive these exciting educational resources, you can pre-order yours today.

The Earth Science Week 2006 Toolkit includes:

- A 12-month school-year activity calendar, suitable for hanging
- The new Earth Science Week poster, including an activity
- Up-to-date factsheets and other materials from the USGS
- A park-views DVD from the National Park Service


Archaen Zone

Earth Science Week Blog

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A blog on geology and anything else that distracts Tom, who will be starting graduate school in the fall.


Behold the beauty of rocks



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The Archean Zone: Subducting ov

October 07, 2006

Earth Science Week

I can't forget to mention that tomorrow is the start of [Earth Science Week](#)!



Special events

[Open Day 2006](#)

[2006 Earth Science Week](#)

[34th International Geological Congress: AUSTRALIA 2012](#)

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Earth Science Week 8-14 October 2006

Earth Science Week is an international event which endeavours to raise awareness of earth science and its significance and impact to every day life. It encourages a sense of responsibility for the use and protection of our natural resources and the environment.

This year Earth Science Week will be celebrated between **8-14 October** and the theme is "Citizens Science". It encourages people to learn more about what geoscientists do and how their work contributes to the wellbeing of society.

Earth Science Week is an ideal opportunity to discover the wonders of earth science.

[Find out more about Earth Science Week](#)

[Getting started: ideas and themes to celebrate Earth Science Week](#)

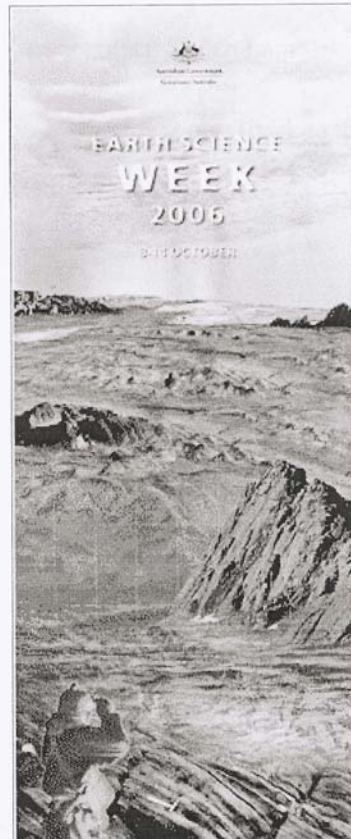
[Submit your 2006 activities here \[PDF_46.1k\]](#)

[View 2006 ESW Activities by State](#)

[View last year's ESW activities](#)

[Future ESW dates \[PDF_34k\]](#) to be added to the Earth Science Week webpage

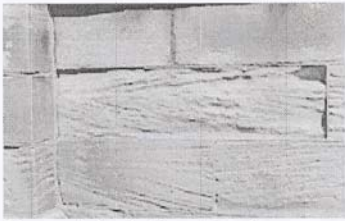
For more information, please contact [Jeanette Holland](#).



Visiting the Museum

The 'Rocktober' Geofest - A celebration of International Earth Science Week

[← Back to What's on Calendar](#)



Crumbled Hawkesbury sandstone. Photo: S Humphreys
Photo: © Australian Museum

Sunday 1 October 2006

Earth Science Week is an international event that aims to foster an understanding of the importance of earth science to every day life, as well as encouraging a sense of responsibility for the use and protection of our natural resources. This event also gives geoscientists a range of opportunities to help people explore and discover the connections between their lives and the Earth.

As part of this event, the Australian Museum will be running a program of free events and activities on Sunday 1 October including:

- behind-the-scenes tours
- presentations and lectures
- hands-on activities
- information booths from a variety of organisations ranging from mining companies to lapidary clubs
- displays of specimens from both the Australian Museum and private collections
- self-guided tours looking at Sydney's building stones

The objectives of Earth Science Week

- To give people new opportunities to discover the Earth sciences
- To highlight the contributions that the Earth sciences make to society
- To publicise the message that Earth science is all around us
- To encourage stewardship of the Earth through an understanding of Earth processes

California Department of Conservation News Room

Sacramento, California

California Home

Thursday, November 9, 2006



[Department of Conservation](#)



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Conservation
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October 8, 2006

Contact: Ed Wilson
Mark Oldfield
Don Drysdale
(916) 323-1886

California Geological Survey Participates in Earth Science Week

[Read Governor Schwarzenegger's Proclamation](#)

Since October 1998, the American Geological Institute has organized Earth Science Week, an international commemoration to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. Governor Schwarzenegger has proclaimed that Earth Science Week will be celebrated in California from October 8-14.

This year's theme is "Be A Citizen Scientist!" This special week is intended to:

- Engage students in discovering the Earth sciences.
- Remind people that Earth science is all around us.
- Encourage Earth stewardship through understanding.
- Motivate geoscientists to share their knowledge and enthusiasm about the Earth.

With regard to the last point, the California Geological Survey – the primary source of geological and seismological products and services for decision making by California's government agencies, businesses and the public – has several events and projects planned.

CGS, a branch of the California Department of Conservation, will have booths at the Fleet Week celebration in San Francisco October 7-8; at an October 13 USGS open house in Menlo Park expected to draw 1,000 students; and at the California Science Education Conference, October 19-22 in San Francisco.

CGS also is releasing three Seismic Hazard Zone maps for the South Bay Area. These regulatory maps designate areas where landslides and liquefaction are most likely to occur during large earthquakes. New development and construction may have to implement special precautions to protect life and property within these zones. In addition, CGS is installing a number of seismic monitors in the Santa Rosa area. These instruments collect data about the response of buildings and structures to ground motion. That information can improve public safety, and help emergency responders and local planners.

CGS' mission is to provide scientific products and services about the state's geology, seismology and mineral resources including their related hazards, which affect the health, safety, and business interests of the people of California.

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Last edited on October 10, 2006

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Career Technical Education Resource Center Website

Filed under: Educational Resources

EARTH SCIENCE WEEK TOOLKIT

-- AGI ANNOUNCES RELEASE OF 2006 EARTH SCIENCE WEEK TOOLKIT

In support of Earth Science Week 2006 (October 8-14), the American Geological Institute (AGI), working with government agencies and other scientific and educational organizations, has developed the 2006 Toolkit for grades K-12 and beyond focusing on "Be a Citizen Scientist." This year AGI has published a new edition of its popular Earth Science Calendar filled with activities and important geoscientific dates, which is included in the Toolkit. These activities, supplied by AGI member societies and other organizations, engage students in learning about the earth sciences while they collect data throughout the year for ongoing research projects. The Toolkits

also include factsheets on citizen science programs from the U.S. Geological Survey, a DVD entitled "Views of the National Parks" from the National Parks Service, and a lithograph about ozone and a cloud chart from NASA. The Smithsonian Institution has developed "Earth from Space," a new web resource for teachers that comp!

lements the traveling exhibition by the same name that will be launching in time for Earth Science Week 2006. The Toolkit includes more information about this interactive website that uses satellite images and features downloadable lessons based on the National Standards. The "Earth from Space" exhibit begins its national tour in November 2006 at the National Air and Space Museum. In addition, the Toolkit contains an activity-rich poster for grades K-5 from Scholastic, posters from IRIS and EarthScope, and materials from the Geological Society of America, plus much more. More details are at www.earthsciweek.org/materials <<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 coordinated by Triangle Coalition member, the American Geological Institute, with support from the U.S. Geological Survey, the AAPG Foundation, and the National Park Service. To learn more, visit www.earthsciweek.org <<http://www.earthsciweek.org>> . The American Geological Institute is a nonprofit federation of 44 scientific 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 interest 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 the resources and interaction with the environment. More information about AGI can be found at www.agiweb.org <[http://](http://www.agiweb.org)

<http://www.agiweb.org>> . The Institute also provides a public outreach site at www.earthscienceworld.org <<http://www.earthscienceworld.org>> .

Posted Wednesday, September 06, 2006 9:22 AM by cwhebert | 0 Comments

Filed under: Educational Resources

Carnegie Library of Pittsburgh Website

The screenshot shows the Carnegie Library of Pittsburgh website. At the top, there is a header with the library's name, a navigation bar with links like 'Home', 'Find It Here', 'About the Library', 'Events', 'Customer Services', and 'Discover More'. A search bar labeled 'Search The CATALOG' is on the left, and a 'DONATE NOW' button is below it. The main content area features a large banner for 'Celebrate EARTH SCIENCE WEEK OCTOBER 8-14, 2006'. Below the banner, there are links to 'General Earth Science Sites' and 'Seismology: Earthquakes!'. The 'General Earth Science Sites' section includes links to 'Earth Observatory', 'Earth Science Week', 'Earth Science World', 'Earthweek: A Diary of the Planet', 'NASA: Visible Earth', and 'Planet Diary'. Each link is followed by a brief description of the resource. On the right side of the page, there is a circular button that says 'discover more...'. The bottom of the page shows a search bar and a 'Go' button.

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Earth Sciences

Celebrate EARTH SCIENCE WEEK OCTOBER 8-14, 2006

[General Earth Science Sites](#)

[Geography](#)
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[Seismology: Earthquakes!](#)
[Volcanology: Volcanos!](#)
[Weather](#)

General Earth Science Sites

[Earth Observatory](#)
<http://earthobservatory.nasa.gov/>
The purpose of NASA's Earth Observatory is to provide a freely-accessible publication on the Internet where the public can obtain new satellite imagery and scientific information about our home planet, particularly its climate and environmental change.

[Earth Science Week](#)
<http://www.earthsciweek.org/>
Occurs each October.

[Earth Science World](#)
<http://www.earthscienceworld.org/>
Are you interested in becoming an Earth Scientist? Check here for career information. There is also a World Book Center where you can find books related to the Earth Sciences.

[Earthweek: A Diary of the Planet](#)
<http://www.earthweek.com/>
Earth continues to make its own news, with hurricanes, floods, droughts, forest fires, volcanoes and much more. Earthweek chronicles these events with an unprecedented weekly summary of natural history.

[NASA: Visible Earth](#)
<http://visibleearth.nasa.gov/>
Browse through images and animations of the earth.

[Planet Diary](#)
<http://www.planetdiary.com/>
Find out what the earth is doing around the world!

The Cornell Daily Sun

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Cornell Co-Sponsors Earth Science Week

By Michelle Pascucci
Oct 15 2006

Hurricane Katrina, Hurricane Andrew, tsunamis, tropical storms, global warming; these terms have become increasingly common as we see more and more climate changes that often have destructive effects on our lives. Yet many of us still fail to understand how such natural changes occur.

Earth Science Week, which took place last week, addressed this dearth of knowledge in the population. Created in 1998 by the American Geological Institute, Earth Science Week is "an information session on the coordination of earth science fields and their importance to society," according to Mark Wysocki, director of undergraduate studies for earth and atmospheric studies. This year's theme was "Be a Citizen Scientist," and reinforced the importance of having a scientifically literate community.

Cornell's EAS department worked in conjunction with the Museum of the Earth, part of the Paleontological Research Institute (PRI), to spread the word to the community. The Museum of the Earth kicked off the week last Saturday with Teacher Resource Day, which gave about 60 teachers the opportunity to receive the museum's surplus rocks and shells for use in the classroom.

According to Warren Allmon, director of the Museum of the Earth, the events conducted at the museum throughout the week drew strong crowds.

"PRI wanted to reach the non-campus community — teachers and school students of all ages. Both of these audiences tend to be unaware of earth sciences in general," said Allmon.

Because there are few strong earth science programs at public schools and those that do exist tend to be poorly funded, it is especially important to inform these groups.

"Unfortunately, at public schools earth science is pretty poorly taught," said Allmon. "It is usually the science you take if you're not good enough to take the others."

For Allmon, Earth Science Week was also about widening the perspectives of the general community.

"If people knew about the science behind climate change, the science of soil erosion, if people understand how the earth affects living organisms, they might read the newspaper differently each day," he said.

For instance, Allmon described how one event held at the museum showed how scientists used techniques for sensing earthquakes to detect the recent North Korea nuclear test.

Events held at Cornell, according to Wysocki, were meant to "demonstrate the various components of Earth Science as a career and how they apply to real life types and problem solving."

Such events included a two-day Institute for the Study of the Continents (INSTOC) workshop entitled "Subduction, Orogeny and the Surface of the Earth," a weather balloon launch from the roof of Bradfield Hall, and a demonstration of subsurface imaging on the Arts Quad.

Unfortunately, the timing of Earth Science Week made it difficult to attract students to the various lectures and demonstrations, as many students were off-campus when the events took place, due to Fall Break.

Another issue was Ithaca's infamously unpredictable weather. It rained several times last week, including the morning of the weather balloon launch. The threat of storms may have dissuaded interested students from coming.

Next year, "we need to look carefully at the timing," said Larry Brown, earth and atmospheric sciences and director of INSTOC. "We need to do a better job of getting the word out ahead of time."

Still, Brown was pleased with the "extremely successful" INSTOC workshop, which "brought in a range of experts from all over the world." Some of the scientific visitors included Cornell alumni who are now involved in their own research. The symposium was a celebration of the work of Brian Isacks, geological sciences.

However, Wysocki saw that the lack of interest in Earth Science Week was indicative of earth science's problems in general. Because many of the careers that earth science offers are not as lucrative as other fields, the students that choose to pursue

DLESE News and Opportunities

Earth Science Week Listing

News and Opportunities

Earth Science Week 2006 Kickoff: EarthCache Event

<http://www.earthsciweek.org/dcevent2006.html>

To celebrate Earth Science Week 2006, the Geological Society of America (GSA) and the American Geophysical Union (AGU) will host the first annual D.C. EarthCache at the foot of the Washington Monument in Washington, D.C. The event will gather Earth science and geocaching enthusiasts on the Washington Mall to participate in a brief Earth science educational experience and festivities. Greg Forbes, The Weather Channel's Severe Weather Expert, will speak at the event about the effects of acid rain on monuments. Hands-on activities will offer a look into the building of a monument and the processes that affect monuments. Prizes will be awarded.

Start of event (1:00-2:00pm): October 8, 2006

Announcement type:

- Call for participation
- Learning or research opportunity

Audiences:

- Educator
- Student

Topics:

- Earth system science
- Education

Locations:

- Washington, D.C.

Contributor (Contact):

Earth Science Week

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

Contact: info@earthsciweek.org

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Digital Library for
Earth System Education

UTEP gets \$81,500

Times staff report



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An \$81,500 gift from Shell Oil Co. will allow UTEP to continue some of its most important science and engineering outreach activities.


The gift, received last week, will fund the university's Earth Science Week, Engineering Camp and Women in Science and Engineering programs, which are designed to increase participation by women and minorities in science, technology, engineering and math, or STEM, fields.

"To maintain leadership in our global economy, the U.S. needs to produce degreed and highly skilled workers in the STEM fields," said Barry Benedict, dean of the UTEP College of Engineering.


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Environmental Education in Georgia


Atlanta, Georgia




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The Online Guide to Environmental Education in Georgia




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Contests & Awards Archives

Earth Science Week Contests

To celebrate Earth Science Week, the American Geological Institute (AGI) will host three national contests. The contests encourage students and the public to become involved in Earth Science Week by submitting artwork, an essay or a photograph. Winners and finalists' entries may be displayed on the Earth Science Week Web site. A grand prize winner in each category will win \$300. Entries must be submitted by October 5, 2006.



- **Photography Contest**
The Earth Science Week photography contest is open to people of all ages. This year's theme is "Using and Studying Earth's Resources."
- **Visual Arts Contest**
The Earth Science Week visual arts contest is open to students in grades K-5. This year's theme is "Earth Science in Your Home Town." Students should show events, people, natural resources, businesses, etc. that best depicts this theme.
- **Essay Contest**
The topic of the essay is "How can each person be a citizen scientist? How can you contribute to the Earth sciences? Why is citizen science important? " Students in grades 5-9 are to explain how all citizens can contribute to the field of Earth science.

The winner of each contest will receive \$300 cash. All mailed submissions must be postmarked no later than October 5, 2006, and all electronic submissions must be received by October 5, 2006.

[Complete Details / Entry Forms](#)

Environmental News Bits
Champaign, Illinois

November 27, 2006

Earth Science Week Winners

Filed under: Schools — Laura B. @ 12:27 pm

The American Geological Institute (AGI) has announced the winners of the 2006 Earth Science Week contests. The national contests capped off a week of celebration as students, educators, and members of the public explored the importance of citizen science as part of the 2006 Earth Science Week theme “Be a Citizen Scientist!”

Carson Conover of Orrtana, Penn., received the top award in the photography contest for his picture of windmills on the water’s edge. Submissions in this category were to highlight the use or study of Earth’s natural resources. Conover’s photograph accomplished that goal by depicting how wind’s energy can be harnessed.


The visual arts contest first place winner was Rama Bushra Imad of Houston, Texas. She followed the guidelines of “Earth Science in Your Hometown” by drawing Earth’s atmospheric layers and the satellites that send data and images back to NASA Mission Control in Houston.

The winner of the Earth Science Week essay contest was Ray Daniels of Herndon, Va. Students in grades 5 through 9 were asked to write a 500-word essay on how they could be a citizen scientist. Daniels wrote a very creative essay entitled “Finding Caerulium” about a boy who discovers a new blue mineral in an underground cave.

To view the top submissions in all three of the 2006 Earth Science Week contests, please visit <http://www.earthsciweek.org/contests/index.html>.

Florida Department of Environmental Protection Press Release

Tallahassee, Florida



Florida
Department of Environmental Protection

"More Protection, Less Process"

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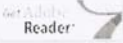
Press Office

FOR IMMEDIATE RELEASE: October 9, 2006
CONTACT: Dee Ann Miller, (850) 245-2112

Information

- Calendar
- Contacts
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- News
- Newsletters
- Organizational Chart
- Publications & Reports

Unless indicated, documents on this Web site are Adobe Acrobat files, and require the free [reader software](#).



Florida Recognizes Earth Science Week

--Week promotes environmental stewardship through earth sciences--

TALLAHASSEE – Recognizing the important role of earth sciences, Governor Jeb Bush joins states across the nation to proclaim October 8-14, 2006, as Earth Science Week. Organized by the American Geological Institute, Earth Science Week promotes public awareness of the earth sciences and stewardship of the Earth.

"Making scientifically-informed decisions is vital to a healthy and productive environment and economy," said Department of Environmental Protection (DEP) Secretary Colleen M. Castille.

"Geologists and other scientists provide much needed information, and citizens can help through grassroots participation in everything from data collection to simply observing the environment around them. Everyone can make a contribution to the science used to preserve, restore and protect our natural resources."


Using observations and measurements from the environment that surrounds us, as well as from space, underwater and underground, geoscientists evaluate Earth's present state, foresee future changes and assess effects on life and society. DEP's Florida Geological Survey investigates and monitors the state's aquifer systems and geology to protect public health and natural resources and ensure sound environmental management.

In celebration of Earth Science Week, the Florida Geological Survey will host its annual open house on Friday, October 13, featuring activities and tours to educate the public on how earth sciences affect our daily lives. The event will take place from 10:00 a.m. to 3:00 p.m. at the Gunter Building on the Florida State University campus in Tallahassee, Florida.

A nonprofit organization representing more than 120,000 earth scientists, the American Geological Institute established Earth Science Week in 1998 to promote understanding of the earth sciences. Last year, the Earth Science Week celebration included people in all 50 states and more than four countries. This year's theme, "Be a Citizen Scientist," focuses on opportunities for citizens to become involved with scientific research through organizations like Lake Watch and Frog Watch, even if they are not formally trained as scientists.

For Earth Science Week activities visit
http://www.dep.state.fl.us/geology/ed_outreach/index.htm.

To see the Governor's proclamation, visit
http://www.dep.state.fl.us/secretary/news/2006/proc/esw_proc.pdf.



"Making scientifically-informed decisions is vital to a healthy and productive environment and economy."

*~ Colleen M. Castille
DEP Secretary*



Geosciences hosts photo contest

10/18/2006

The Department of Geosciences at Fort Hays State University is celebrating Earth Science week with an photo contest open to anyone. Since October 1998, the American Geological Institute has organized Earth Science week to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the earth.

"Photos can be submitted in five categories: geology, pollution, weather, water or ecology," said Dr. John Heinrichs, chair of FHSU's Department of Geosciences. "All you have to do is take a digital photograph relevant to one or more of the categories."

Contestants are limited to one entry per category per person--five photos total.

Photos must be accompanied by the full name of the photographer, address, telephone number, e-mail address, submission category, photograph date, geographic latitude and longitude coordinates of the photo locations, description of the photograph and how it illustrates or signifies the category concept.

The latitude and longitude are easy to find using a GPS unit, placemarking a site on Google.com/maps or using a manual map.


Judging will be based on the ability of the photograph to capture the viewer's interest and illustrate the category concept, on the scientifically accurate description of the feature of the photograph and on the composition and aesthetics of the photograph.


"Cool prizes will be awarded for the best photo in each category and the overall best photo," said Heinrichs.

Photos can be submitted beginning Oct. 20. The deadline is noon Monday, Oct. 23. Winners will be announced on the geosciences Web site on Oct. 27.


More details and an electronic submission form are available at www.fhsu.edu/geo/esw along with links to other Earth Science Week activities and websites.

Fort Hays State University
Earth Science Week Webpage





[FHSU Photography Contest](#) [FHSU Scavenger Hunt](#) [AGI Contests](#) [FHSU Geosciences](#)



Visit the [Earth Science Week website](#) for more information on citizen science opportunities and resources.

We are all citizens of earth. As Earth's native inhabitants, we all share an appreciation of its beauty, use of its resources, and care for its future. We each have a stake in the functioning and prospects of the planet's natural systems. That's why "citizen science" - involving ordinary citizens in building our scientific understanding of the Earth's systems - is so important.

Be one of the millions of participants in all 50 states and nations worldwide who are celebrating Earth Science Week 2006! Every year, people in schools, workplaces, civic centers, and elsewhere celebrate Earth Science Week to help build public understanding and appreciation of the Earth Sciences, promote recognition of the value of Earth science research, and encourage stewardship of the Earth.

- American Geological Institute

FHSU Department of Geosciences


Invites You to Become a Citizen Scientist

As part of the nation wide Earth Science awareness campaign FHSU Department of Geosciences is hosting a [Photography Contest](#) and a [Scavenger Hunt](#). All students, faculty, staff, and community members are invited to participate in the Photography Contest. The Scavenger Hunt is reserved for FHSU Students.

Gazette Newspapers-Montgomery County Office
Maryland

The National Wildlife Visitor Center will host a free Patuxent Wildlife Festival Oct. 14 in celebration of National Wildlife Refuge Week and Earth Science Week. The festival will feature live animals, food, live music, crafts, puppet shows and behind-the-scenes research tours.

The visitors center is located off Powder Mill Road between the Baltimore-Washington Parkway and Route 197.



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Earth Science Current Events - Geology News

Saturday, October 07, 2006

Earth Science Week - October 8 to 14

"Be a Citizen Scientist" is the theme for Earth Science Week for 2006. Sponsored by the American Geological Institute, Earth Science Week is an international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth.

Visit the [Earth Science Week Website](#) to learn about ESW events, contests, newsletter, calendar and more.



[Permalink: [Earth Science Week - October 8 to 14](#)] [Email this article to a friend --->](#)

Independent Petroleum Association of Mountain States (IPAMS) News Release
Denver, Colorado

IPAMS to participate in Earth Science Week

DENVER—The Independent Petroleum Association of Mountain States (IPAMS) will be taking part in this year's annual Earth Science Week by performing a series of geological experiments with Denver-area elementary school students. IPAMS, a non-profit trade organization that represents independent oil and gas producers in the Intermountain West, is often active in local community outreach events, and looks forward to educating local youth about energy production, efficiency, and conservation.

For more information, please contact Spencer Kimball at (303) 623-0987.

Iowa Department of Natural Resources

Iowa



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Vilsack Recognizes Earth Science Week in Iowa; Open House Planned at Quarry

Posted: *September 28, 2006*

DES MOINES - Governor Tom Vilsack has signed a proclamation declaring the second week of October as Earth Science Week in Iowa, joining nations around the world in the celebration.

The theme for this year's Earth Science Week is "Be a Citizen Scientist," encouraging people to become aware of and involved in their natural surroundings. To mark Earth Science Week, the Black Hawk County Conservation Board and Basic Materials Corporation will hold a public "open house" at Yokum Quarry in Black Hawk County.

"This is a great educational event for children and people of all ages," said Bob Libra, DNR State Geologist. "Quarries offer an excellent view of our rocks, fossils, and glacial deposits, provide an understanding of our groundwater sources, and show the value of our mineral resources."

The Yokum Quarry will be open Sunday, Oct. 1 from 10 a.m. until 3:30 p.m. The quarry is located at the intersection of Winslow and Union Roads in northwest Black Hawk County. A variety of functions and activities are planned, and the public is encouraged to come and step into the earth. Staff from the DNR's Geological Survey, IOWATER volunteer water monitoring program and Project AWARE will be among the exhibitors at the open house.

The Earth Sciences encompass our understanding of the planet, and its rocks, soils, water, and atmosphere -- our natural resource base. A healthy and sustainable natural resource base is essential to both the state's economy and to Iowans' quality of life.

For information on the Yokum Quarry event, contact Sherman Lundy, Basic Materials Corporation, at (319) 235-6583. For information on Earth Science Week or Iowa's geological resources, contact Bob Libra, State Geologist, Iowa DNR-Geological Survey, at (319) 335-1585.

Kansas Geological Survey News Release

Lawrence, Kansas



News Release, Kansas Geological Survey, Sept. 11, 2006

KGS Announces Release of 2006 Earth Science Week Toolkits

The Kansas Geological Survey (KGS), in cooperation with the American Geological Institute (AGI), is supporting Earth Science Week activities this October 8-14, 2006, by making available Earth Science Week Toolkits. KGS is distributing the toolkits to individuals and groups interested in holding their own Earth Science Week activities and programs.

The Earth Science Week Toolkit includes information and resources for the public, university, and K-12 students. Examples of toolkit resources include U.S. Geological Survey sponsored studies that recruit and train individuals to monitor amphibian and bird population status and trends; monitor regional ozone levels with an ozone garden designed and used by NASA's Goddard Space Flight Center; learn GPS and GIS applications for earth science education; or, undertake classroom activities based on the National Science Education Standards. Additional resources and activities that complement the toolkits are available from the Earth Science Week website at <http://www.earthsciweek.org>.

Earth Science Week is an annual event organized by AGI to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. The theme of this year's Earth Science Week is: "Be a Citizen Scientist!" The goal is to offer the public opportunities to discover the Earth sciences. Central to the goal is to engage participants in real "citizen science" collecting data, observing, and testing for real scientific endeavors.

Earth Science Week 2006 Toolkits can be obtained from the Kansas Geological Survey, 1930 Constant Ave., Lawrence, KS 66047-3726 (or phone 785-864-3965). A limited supply are available free of charge, plus \$3.00 for handling and postage. Additional copies may be purchased for \$4.95 each. Kansas residents should call for specific sales tax owed. More information about KGS books, maps, and other products is available at the Survey's web site (www.kgs.ku.edu).

Link of interest to this article:

American Geological Institute's [Earth Science Week](http://www.earthsciweek.org) website

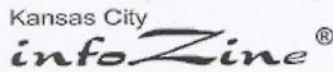
Story by [Shane Lyle](#), (785) 864-2063.

Kansas Geological Survey, Publications and Public Affairs

URL="http://www.kgs.ku.edu/General/News/2006/esw_tools.html"

Kansas City InfoZine

News Announcement



Print this page
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Tuesday, October 17, 2006

Earth Science Week Oct. 8 -- 14

Posted Wednesday, October 04, 2006 :: infoZine Staff

Governor Matt Blunt has declared the week of Oct. 8-14 as Earth Science Week to bring awareness to the fact that earth sciences are fundamental to the health, safety and welfare of all Missourians.

Jefferson City, Mo. - *infoZine* - "Encouraging youth to consider earth sciences as a career is an important part of recognizing Earth Science Week," said Mimi Garstang, state geologist and director of the Department of Natural Resources' Division of Geology and Land Survey (DGLS). "Earth science plays a vital role in the preparation for natural hazards such as earthquakes, floods, landslides and sinkholes which will in-turn lessen the impacts from these natural hazards. Our lives are affected daily by the important role geologists, surveyors, and all earth scientists play in the society in which we live." Every October, states across the nation join forces with the American Geological Institute and other sponsoring agencies to bring earth sciences to the forefront. Garstang said, "We encourage schools to highlight the earth sciences as a career choice and demonstrate the benefits earth sciences bring to the community. Engaging students and the public in conducting real "citizen science" research and helping to spread science literacy will benefit all Missourians."

In conjunction with Earth Science Week, DGLS will participate in the Future Farmers of America Science Career Day at the Wurdack Farm, Missouri University Agricultural Experiment Station near Cook Station. High school agriculture students attending the DGLS short-course will learn about Missouri's geology and varied landscapes. Maps created by DGLS will be used to illustrate the geology of the state. Students should obtain a greater understanding of the geology of the state and how it relates to water availability, soil type, natural hazards, and how geology affects the resources available for people and industries, including agriculture. Understanding earth science is crucial to environmental, ecological and economic issues. Herb Turner, a middle school science teacher in Waynesville, incorporates the use of the popular Missouri Environmental Geology Atlas (MEGA) CD-ROM into his classroom throughout the school year.

This innovative digital data tool was created and distributed by the DGLS in 2003. Turner said, "Students currently are using MEGA to create maps for the city council that will combine recreational use areas with environmental information. This tool allows us to share so much information with the community. I appreciate that the digital maps are designed for use by the general public."

The MEGA 2007 CD-ROM is expected to be released in October, it is the second edition of interactive computer maps that allow the user access to more than 30 statewide Geographic Information System (GIS) data layers, all from their computer desktop. Significant improvements and additions have been made since MEGA's debut in 2003. New data layers have been added and many of the existing data layers have been updated. Look for announcements regarding the release of MEGA 2007 later this month.

For more information, DGLS offers fact sheets, maps, trading cards and a wide variety of publications on topics such as rocks, minerals and fossils. The division's publications desk in Rolla can be reached by calling (573) 368-2125 or 1-800-361-4827. Also visit DGLS's Web site at: www.dnr.mo.gov/geology.

Article link: <http://www.infozine.com/news/stories/op/storiesView/sid/18171/>

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UTEP Earth Science Week Scheduled

POSTED: 3:13 pm MDT September 15, 2006

UPDATED: 8:03 am MDT September 18, 2006

September 18, 2006 -- What does Earth Science week at UTEP have in common with the recent area flooding?

UTEP's geological department will host its annual Earth Science event, a weeklong celebration created to generate more interest in science, especially among families.

Organizers said El Paso residents are surrounded by science and don't even know it.

Tina Carrick, of the UTEP geological department, said science is all around us.

"When it rains, it's science. When it's sunshine, it's science. We have the Franklin Mountains, it's science," Carrick said.

"It's an everyday thing that's happening right here and we think it's important for our community to get involved."

Laura Serpa, also of UTEP geological department, said there are many ways science can help raise awareness.

Serpa said, "People have recently discovered they have floods in El Paso - that is something maybe they didn't think they were going to have. They need to know where to build houses, they need to know what the dangers are. There are certainly earthquake hazards here. There are just things people need to be aware of."

Earth Science week will take place Oct. 8 through Oct. 14. Events and hand-on experiments are scheduled, including learning how water "behaves" and makes its way down arroyos and mountains.

There will also be an "Ask The Expert" exhibit.

For more information, please call 747-5440.

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Lunar and Planetary Institute



AGI Sponsors Earth Science Week

October 5, 2006



Be a Citizen Scientist!" is the theme for this year's Earth Science Week, October 8–14, sponsored by the American Geological Institute (AGI).

Since 1998, AGI has organized this event in an effort to engage students and the public in conducting authentic "citizen science" research and to help spread science literacy. During Earth Science Week scientists, educators, local organizations, and interested individuals organize community activities to discover the Earth sciences and promote responsible stewardship of our planet.

What does it mean to be a citizen scientist? It means getting involved; real people collecting data, observing, and testing. You don't have to have a Ph.D. or even a formal education in Earth sciences to be a citizen scientist, only an interest and desire to learn.

To learn more about how you and others can become scientifically literate citizens and get involved, or for information about events in your area, visit the Earth Science Week website.

Michigan Department of Environmental Quality Michigan

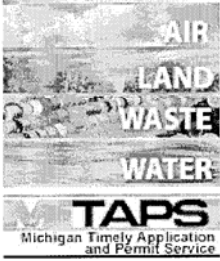



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October 8-14 is Earth Science Week in Michigan

Contact: Robert McCann (517) 241-7397
Agency: Environmental Quality

October 4, 2006

Governor Jennifer M. Granholm has declared October 8-14 as Earth Science Week in Michigan. Earth Science Week is a nationwide observance emphasizing the importance of earth sciences to the health, safety, and economic well being of citizens.

Knowledge of geology is essential to understanding the characteristics and origins of Michigan's terrain, which varies from the eroded roots of volcanoes and mountains, to sediments laid down in ancient shallow seas, to glacial hills and lakebed plains.

Geologic knowledge provides insight on Michigan's soil, groundwater, and surface water resources, and is also the basis for finding and developing Michigan's valuable mineral resources. Michigan ranks 17th among the states in oil and gas production, and is a major producer of magnesium, iron ore, sand and gravel, bromine, peat, and potash. The state also produces significant volumes of cement, gypsum, crushed stone, lime, clay, and other minerals and mineral products.

The Department of Environmental Quality's Office of Geological Survey is taking the lead in celebrating Earth Science Week in Michigan. For a list of geologists from state government, academia, industry, and professional organizations who can give presentations to schools and community groups on earth science topics, please visit <http://www.deq.state.mi.us/eforms/speakerrequest.html> on the internet, or contact the OGS at 517-241-1515. The OGS also has a variety of maps and publications on Michigan geology and geologic resources.

Editor's note: DEQ news releases are available on the department's Internet home page at www.michigan.gov/deq.

"Protecting Michigan's Environment, Ensuring Michigan's Future"

Revised October 4, 2006 by Pat Watson

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My West Texas Local News

Midland, Texas

Cupcake cross-sections teach students about Earth science

Ruth Campbell
Staff Writer
Midland Reporter-Telegram

On the Web

www.

earthsciweek.org

Sixth-grade students at St. Ann's Catholic School got a literal taste of science Wednesday as part of a presentation by EOG Resources geologist Pat Welch.

Welch taught students how to take a cross-section of a cupcake as part of Earth Science Week, going on at schools throughout Midland. After doing the lesson a number of times, Welch said he tried to relate it back to how petroleum geologists correlate well data.

Youngsters took core samples through a straw, recorded their observations in writing and with drawings done in colored pencil. To get a true picture, they cut into the cakes using knives.

For the purposes of the lesson, the cupcake had three layers. The frosting represented soil and students were instructed to find the "famous sprinkle zone." Welch, a geologist for 22 years, told students to watch out for the gummy rock layer.

Instructions tacked up near the board told students to state the question, collect information, form a hypothesis, test the hypothesis, record and study data and draw a conclusion. Welch told students to see how thick the layers were, what color they were, the texture of it. "Think about what you think the inside of your cupcake looks like," he said.

He instructed students to make sure they kept their first and second core samples separated and told them to see if they could match the layers and figure out if the cores are from the same area.

"Look at the cupcake carefully. If it's a little brown on one side, it might be burned," Welch said.

Welch also showed students photos of cores from a well near Artesia, N.M., and a well log.

"We use this information to take cross-sections and make correlations between the wells," he said, pointing out a photomosaic of a "mound" between Cloudcroft and Alamogordo, N.M.

Science teacher Anna Jones said her class has mostly focused on life sciences, but Welch is the father of one her students and volunteered to do the lesson.

"I thought it was a creative way to learn about the Earth's lithosphere (Earth's crust and upper mantle) and core. I thought it was really fun and educational," 11-year-old sixth-grader Ashley Vinson said.

"I thought it was a really fun way to understand our Earth," said 11-year-old fellow sixth-grader Jarrod Rodriguez.

Both students noted it was easier to retain science through a hands-on experience.

"Although it was very hard not to eat it," Vinson said.

With the help of his son and daughter, Welch made about 70 cupcakes for the occasion with multicolored layers, frosting and sprinkles on top and hidden inside. His son, Lucas, attends St. Ann's and his wife, Sara, teaches at the school.

He said the lesson helps youngsters better understand a complex subject.

"I think it's important because we have to understand the world we live in and how the physical processes of the Earth affect our lives --

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National Geographic News Brief



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News Brief

International Earth Science Week celebrations

Earth Science Week



International Earth Science Week 2006, to be celebrated from 8 to 14 October, will provide an ideal opportunity for non-scientists and students to discover the significance of earth science in our lives.

This year's theme of 'Citizen's Science' aims to encourage everyone, adults and children alike, to learn about the diversity of careers within the earth sciences and their importance to the wellbeing of our society and environment.

Geoscience Australia has been the national coordinator of Earth Science Week events in Australia since 1999. The organisation continues to promote the week and encourages participation by scientific and cultural communities throughout the country.


The 2006 Earth Science Week poster, produced by Geoscience Australia, has been distributed nationally. The organisation also maintains the national Earth Science Week website and visitors will find information on activities in each state and territory as well as ideas to help celebrate the Week.

The 2006 Earth Science Week poster depicts a sparse rocky terrane which highlights several areas of current geoscience research. Topographic and 3D mapping support the search for new mineral resources, mapping of the seabed, provides clues for the future discovery of petroleum. Other features include melting ice which is a subtle reminder of the climate change challenge and working geologists represent the diversity of careers within the geosciences.

www.ga.gov.au/about/event/#esw

National Science Teachers Association WebNews Digest

Earth Science Week Announcement


National Science Teachers Association

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NSTA WebNews Digest

NSTA

Coming Next Month: Earth Science Week

2006-09-12 - NSTA Reports

This year's Earth Science Week celebration, taking place October 8–14, invites teachers and students to "Be a Citizen Scientist!" This theme encourages classes to conduct real "citizen science" research and promote the spread of science literacy.

Organized annually by the American Geological Institute (AGI), Earth Science Week is a national and international event to help the public understand and appreciate the Earth sciences and the work of geoscientists and to encourage stewardship of the Earth. AGI is distributing Earth Science Week education kits to support individuals and groups interested in holding their own Earth Science Week activities and programs. The kits contain citizen-science materials for classroom and home use, including posters, pamphlets, fact sheets, a climate change booklet, and Earth science education materials from NASA. Learn more at www.earthsciweek.org.

AGI is coordinating national contests related to "Citizen Science" (deadline for all entries is **October 5**).

- The visual arts contest encourages K–5 students to create a drawing, collage, or other two-dimensional piece of artwork that reflects the topic "Earth Science in Your Home Town." The winning artist will receive \$300 in cash.
- The essay contest invites students in grades 5–9 to write about being a citizen scientist. The winner will receive \$300 in cash.
- Open to all ages, the photography contest asks the public to photograph images for the theme "Using and Studying Earth's Resources." Contestants should submit photos of students learning about Earth science or people using natural resources for

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Nebraska Earth Systems Education Network

Earth Science Week Announcement

EARTH SCIENCE WEEK NATIONAL CONTESTS ANNOUNCED

Contact: Geoff
Camphiregac@agiweb.org

The American Geological Institute is sponsoring three national contests as part of the 2006 Earth Science Week, "Be a Citizen Scientist!" which is held October 8-14. The three contests including Photography, Visual Arts, and Essay, offer opportunities for both students and the general public to participate in Earth Science Week.

The Photography Contest, open to all ages, will focus on "Using and Studying Earth's Resources." Participants are encouraged to be creative and submit pictures of geoscientists studying or working with the earth's natural resources or of people using these resources.

The Visual Arts Contest is "Earth Science in your Home Town." Students in grades K-5 are encouraged to draw, paint or create a poster on any aspect of earth science that affects their local

community. Artwork entries should be no larger than 24 x 36 inches.

Finally, students grades 5-9 are eligible to enter **The Essay Contest** "Be a Citizen Scientist." Essays should be no longer than 500 words and are to highlight the ways every person can contribute to a better understanding of our planet.

The first place prize for each contest is \$300. To learn more about these contests including how to enter, please visit
<http://www.earthsciweek.org/contests>.

The Institute also provides a public outreach site at
<http://www.earthscienceworld.org/>

North County Times News Online

San Diego and Riverside Counties, California

Palomar College plans blast for Earth Sciences week

By: NOELLE IBRAHIM - Staff Writer

SAN MARCOS ---- Witness a daily geyser eruption or learn about your favorite constellation during Palomar College's second annual celebration of National Earth Sciences week, held on campus starting today and running through Friday.

"The goal is to draw attention to earth sciences in terms of all the courses we offer and as a prospect for a professional career," said Patty Deen, chair of the Palomar earth sciences department, who also teaches oceanography and earth sciences classes.

The theme of this year's national celebration, sponsored by the American Geological Institute, is "Be a Citizen Scientist," meant to encourage stewardship of the earth by getting citizens involved in data collection, observation and testing related to earth science issues.

"It's important to draw attention to the earth we live in and on," said Deen. "As a person in the community, understanding earth sciences helps you make important decisions on community planning, development and conservation issues."

The celebration kicks off today with a geyser eruption at 12:35 p.m. near the student union on the main campus. The "geyser," a garbage can filled with water and liquid nitrogen, will explode at the same time daily through Thursday.

"It's certainly going to be a blast," said Deen, chuckling.

Throughout the week, students can stop by the earth sciences table in the student union quad from 9:30 a.m. to 3:30 p.m. to get more information on the college's earth science programs and careers in the field, or check out demonstrations and video clips. Students can also enter a drawing for a mineral or fossil of their choice. One winner will be chosen every 30 minutes, said Deen.

The festivities continue on Wednesday with "The Sky Tonight" planetarium show at 5 p.m., where astronomy instructor Jim Pesavento gives audience members a tour of the San Diego night sky, pointing

Hot Topics

Readers reflect on the latest trends

Gas prices dropping just in time

I'm sure it's just coincidence that gas prices have dropped to their lowest point of the year just as the election cycle opens anew. 24 Comment(s)

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out prominent celestial objects. The show will also highlight constellation patterns and their mythology, as well as astronomical newsmakers like Pluto.

Earlier that day, Palomar's Geoscience Connection club hosts a class on geocaching, a worldwide outdoor sport and modern-day treasure hunt in which participants use a Global Positioning System as their "map" to find containers anywhere in the world.

The class, held in the ES-9 computer lab at 1 p.m., will prepare students for a First to Find geocache race held on campus at 10 a.m. Thursday.

"Even if you've never heard of it before, you'll have a lot of fun," said Charles Dare, president of the club. "Anyone can learn how to do it."

The first three participants to find the hidden "caches," or containers, will find prizes like medallions or minerals inside.

On Friday, an earth science film festival will be held in ES-19 from noon to 10 p.m. The festival showcases some of the "all time best movies on earth," including "The Core" at noon, "In Celebration of Flight & Ultimate Flight" at 2:15 p.m., "Super Volcano" at 3:30 p.m., "Apollo 13" at 5:45 p.m. and "The Abyss" at 8:15 p.m.

Geoscience Connection is also hosting a field trip to the Palomar Observatory on Oct. 14 from noon to 2 p.m. in conjunction with the week. Participants in the trip, which is full, will get a behind-the-scenes tour of the world-class center of astronomical research, which is owned and operated by the California Institute of Technology.

"They'll get to stand right underneath a 200-inch telescope mirror, which is one of the largest of its kind," said Dare. "That's a pretty unique thing."

Contact staff writer Noelle Ibrahim at (760) 761-4404 or nibrahim@nctimes.com. Comment at nctimes.com.

Northern Michigan University Rocks and Minerals Club
Marquette, Michigan



Student Announcements

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Date Posted: 10/12/2006

Earth Science Week Contest

Be sure to enter the Rock and Mineral Club Earth Science Week Contest! Visit esker.nmu.edu and click on "Earth Science Week Quiz" for complete details. Hurry! Contest ends Oct. 14 at midnight.
Prizes include a rock hammer, fossil set, and mineral identification kit.

If you have further questions, send them to the NMU Rock and Mineral Club at nmurocks@nmu.edu.

PDXGuide.com (Where to go for Where to go in Portland) Portland, Oregon

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Oct 08 - Oct 14: The Rice Museum Celebrates Earth Science Week (Rice Northwest Museum of Rocks and Minerals)

Posted: 10/05/2006 11:40 AM

In celebration of Earth Science Week (Oct. 8th - 14th), the Rice Museum will hold a variety of programs aimed at educating and exciting museum visitors about Earth Science. The topic "Be a Citizen Scientist" will encourage people to take an active role in understanding the beauty and importance of our natural resources. For directions and additional information, you can contact the museum at 503-647-2418 or visit our website at www.ricenwmuseum.org

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Oregon Department of Geology and Mineral Industries
Portland, Oregon

OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
Dr. Vicki S. McConnell, State Geologist

800 NE Oregon Street #28, Suite 965, Portland, OR 97232
(971) 673-1555 WEB: <http://www.oregongeology.com>

October 9, 2006

Contact: Ian Madin (971) 673-1542 or (503) 807-9975 (cell)

October 8-14, 2006 to be Earth Science Week

Portland, Oregon: Governor Theodore Kulongoski has proclaimed October 8-14, 2006 to be Earth Science Week, and encourages all Oregonians to join in this observance. To view the proclamation, go to: <http://www.oregongeology.com/sub/default.htm>.

The Oregon Department of Geology and Mineral Industries is an independent agency of the State. It has a broad responsibility for developing a geologic understanding of natural hazards. The Department then makes this information available to individuals, businesses and communities to help reduce the risks from earthquakes, tsunamis, landslides, floods and volcanic eruptions. The Department assists in the formulation of State policy where an understanding of geologic materials, geologic resources, processes, and hazards are key to decision-making. The Department is also the lead State regulatory agency for mining, oil, gas and geothermal exploration, production, conservation and reclamation.

For more information, contact Ian Madin at 800 NE Oregon St., Portland, OR 97232, (971) 673-1542 or on cell phone at (503) 807-9975. DOGAMI field offices can be contacted at: 1510 Campbell St., Baker City, (541) 523-3133; 5375 Monument Drive, Grants Pass, (541) 476-2496; and the Mined Land Regulation and Reclamation Program, 229 Broadalbin St. SW, Albany, (541) 967-2039.

Learn more about Oregon's geology by going online at:

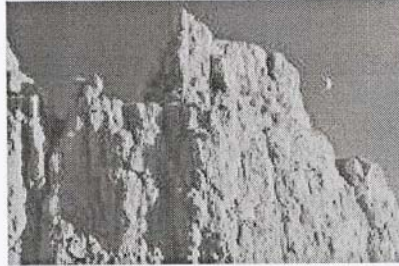
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The Sloan Career Cornerstone News

Earth Science Week Announcement

► Be a Citizen Scientist!

The theme for Earth Science Week 2006 (October 8-14) is "Be a Citizen Scientist!" Earth Science Week 2006 marks the ninth year the American Geological Institute (AGI) has sponsored this international event as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebration events. The goal is to offer the public opportunities to discover the Earth sciences and promote responsible stewardship of the Earth.



"Citizen science affords everyone an opportunity to investigate earth science questions," says Ann E. Benbow, Ph.D., AGI's Director of Education and Outreach. "This Earth Science Week, we will be encouraging students, teachers, and the general public to become actively involved in a variety of citizen science programs with earth science themes. We hope that such involvement will highlight the value of Earth science in everyone's life and raise the profile of the important work that geoscientists do."

Students, earth science educators, professionals, and interested individuals are encouraged to join in. Central to this year's celebration is AGI's efforts to engage students and other members of the community to collect data related to scientific endeavors, to make discoveries.



AGI is sponsoring three national contests as part of Earth Science Week 2006. The photography, visual arts, and essay contests offer opportunities for both students and the general public to participate in the celebration, learn about the Earth sciences, and compete for prizes. [Click here](#)

Tennessee Tech University Press Release Cookeville, Tennessee

isored by the earth sciences department, Geo Club

<http://www.tntech.edu/publicaffairs/10/2006/oct06/earthscienc.htm>



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Celebrate Earth Sciences Week with TTU event on Oct. 12

COOKEVILLE, Tenn. (Oct. 4, 2006) – Tennessee Tech University's earth sciences department and Geo Club invites you to celebrate Earth Science Week with food, fun and fossils at Kittrell Hall on Thursday, Oct. 12.

"Participants can try their hands — and legs — on a climbing wall that will be set up on the Main Quad from about 10 a.m. to 2 p.m. that day," said Michael Harrison, chairperson of TTU's earth sciences department.

Food and refreshments will be provided — and while you're there, don't forget to swing by the lobby of Kittrell Hall, popularly nicknamed "Rock Lodge" because it's home to the department — to view some of its most interesting fossils and pick up information about earth science studies and careers.

TTU's earth sciences department offers concentrations in geology, environmental geology and geographical information systems.

Among the fossils that will be on display will be replicas of dinosaur eggs, bones and footprints, as well as fossils commonly found in this area, such as crinoids, commonly called "Indian money."

Running this year from Oct. 8-14, Earth Science Week was first organized in 1998 by the American Geological Institute to help the public gain a better understanding and appreciation for earth sciences and to encourage stewardship of the Earth.

This year's theme is "Be a Citizen Scientist!" While that means you don't have to have a formal education in earth science to get involved, collect data, observe and test, it's still a good way to learn about opportunities offered in earth sciences at TTU, Harrison said.

"We want to provide a fun and interesting event while raising awareness of our department at the same time," he said.

--Tracey LeFevre

This information posted 6 October 2006

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The **TTU NEWS** is published by the Office of [Public Affairs](#). For more information, contact TTUNews@tntech.edu
Public Affairs P.O. Box 5056 Cookeville, TN 38505-0001 Phone: (931)372.3214

Texas Earth Science Week Website



Welcome to the Texas Earth Science Week Website

National ESW Website

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Earth Science Week (ESW) is a nationwide program designed to promote interest and knowledge of the earth sciences and its contributions to society. It is an annual celebration sponsored by the **American Geological Institute**. ESW 2006 will be celebrated nationwide the week of **October 8-14, 2006**.

NEW! 2006 Summer Lecture Series

From the 2005 Summer Lecture Series

Catastrophic Floods in Texas

Powerpoint Presentation by Raymond Slade, Jr.

Message from the State Geologist of Texas for 2004 Texas Earth Science Week ([PDF format](#))

Career Fair Video

Click [here](#) to view a short video clip from the 2003 Austin ESW Career Fair. This clip comes compliments of the U.T. Division of Instructional Innovation and Assessment, Center for Instructional Technologies.

The Texas ESW consortium encourage you to use this website to discover past and future ESW activities as well as the resources available to teachers, students, and the public. We hope that you will support the advancement of earth science education in our community and participate in Earth Science Week.

If you wish to update your existing web page and/or add a Texas ESW activity to this website, please contact Sigrid Clift at telephone 512-471-0320 or e-mail sigrid.clift@beg.utexas.edu.

University of Dayton Earth Science Week

Dayton, Ohio

UNIVERSITY OF DAYTON

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EARTH SCIENCE WEEK

What is Earth Science Week (ESW)?

ESW is a 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. ESW promotes the value of Earth science research and its application to our daily lives.

The next Earth Science Week will be held the week of **October 9-14, 2006.**




Theme

"Think Globally. Act Locally." is the 2006 theme.

Events

- Wednesday, October 11**
Guest Speaker, Diane Wilson
"Courage to Make a Difference"
7:30 - 9:00 pm - Sears Recital Hall
- Thursday, October 12**
Student Faculty Dinner at the Eco-house.
Come enjoy an organic meal prepared by the residents of the Eco-house and then discuss with other students and professors, environmental topics that you want to learn more about.
Who: All students are invited, but only 36 seats available.
Where: Sustainability Club Eco-house, 233 Stonemill Ave.
When: 6-8 pm
Topic: "Restoration for Creation"
RSVP: by **OCT. 6TH** with an email to Heather Stewart (stewarha@notes.udayton.edu)
- Friday, October 13**
Guest Speaker - Dr. Gabriel Filippelli
"Rapid Climate Change and Climate Surprises: A Look Back and Ahead"
Noon - 1:30 in the Science Center Auditorium

University of Texas News El Paso, Texas



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Geologic Hazards in YOUR Backyard! | '06 Schedule

Earthquakes, Volcanoes, Floods: Geologic Hazards in YOUR Backyard

Were you surprised to discover that El Paso can experience devastating floods? What are the chances you will experience another flood or an earthquake, volcanic eruption, or other natural disaster here in El Paso? Everyone needs to be a citizen scientist and learn about the place they live so that they can prepare for possible disasters. All you need is an interest and a desire to learn and you can get involved in making observations, collecting data, and testing predictions. No formal education is required for you to become involved in real science and help the city develop with the safest possible practices based on a true understanding of the part of the earth we call home.

Find out more about how you and others can become citizen scientists and help El Paso prepare for the future. Get involved in Earth Science Week 2006 by visiting the UTEP Geology Department October 8th - October 14th. Please call 747-5440 or 747-6085 or email carrick@geo.utep.edu for further information and scheduled events.

Geologic Hazards in YOUR Backyard! | Page 1 of 2 | '06 Schedule

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Earth Science Week 2006 - Citizen Science

October 8-14, 2006

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 9th annual Earth Science Week festivities include Geologists-in-the-Parks, a poster contest, museum tours, a quarry tour at OMYA's Middlebury site, guest speakers and more. New this year are Science on the Green at the Department of Environmental Conservation and two hikes for the general public sponsored in conjunction with the Green Mountain Club. 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.

October 8-14, 2006 - Earth Science Week Activities
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
Location: Various locations in Vermont
Information: The theme for ESW 2006 is "Citizen Science", focusing on getting students and the public involved in real science activities, and in creating more informed citizens who understand Earth Science. Annual activities include Geologists-in-the-Parks, OMYA's quarry Open House, guest speakers, a poster contest, and a variety of other events. New this year are [Science on the Green](#) at the Department of Environmental Conservation and two Saturday hikes for the general public sponsored in conjunction with the [Green Mountain Club](#). On the national level, the American Geological Institute (AGI) sponsors several contests and activities. For a list of classroom activities and a planning kit, contact [AGI](#), 4220 King St., Alexandria, VA 22302.

October 6, 2006 - Posters Contest Entries Due
Contact: Cathy Migliore, OMYA, Inc., 61 Main St., Proctor, VT 05765
Phone: 802-770-7267
E-Mail: cathy.migliore@omya.com
Information: The theme for the poster contest is "Be a Citizen Scientist!". What does it mean to be a citizen scientist? It means getting involved! Real people collecting data, observing, testing. You don't have to have a Ph.D or a formal education in Earth Science to be a citizen scientist - only an interest and desire to learn. A citizen scientist is YOU involved in real science and research. Need entry information? Click [here for the rules](#) and [here for the release form](#).

October 10, 2006 - Geologists-in-the-Parks - Earth Science Week
Host: Vermont Geological Survey (VGS) at DEC
Contact: Marjorie Gale at 802-241-3608
E-mail: marjorie.gale@state.vt.us
Location: Mt. Philo (Oct. 10 & 11), Mt. Hunger (Oct. 12) and Owls Head at Groton (Oct. 13)
Information: The trips are by reservation only and are for school groups. The hikes generally run from 9 am - 1:30 pm and participants bring lunch.

October 12, 2006 - Earth Science Week - Science on the Green
Host: Vermont Department of Environmental Conservation
Contact: Doug Kievit-Kylar @ 802-241-3628 or Marjorie Gale @ 802-241-3608
E-mail: doug.kievit-kylar@state.vt.us
Location: On the Green at the Waterbury State Office Complex, 103 South Main St., Waterbury, VT
Information: Thank you for your interest in DEC's Science on the Green! Due to an enthusiastic response from teachers, we have reached capacity and registration is now closed.

OMYA, INC. 6TH ANNUAL MARBLE QUARRY OPEN HOUSE:

The Weather Channel

Greg Forbes Blog

October 5, 2006



WEATHER IS GETTING WEIRDER!

Dr. Greg Forbes, Severe Weather Expert

The type of weather phenomena that I normally deal with -- tornadoes, severe thunderstorms, and flash floods -- develop in the span of minutes to hours and on very small space scales. For that reason, I don't usually think about there being any relation to global warming and these storms.

Sometimes a buildup of events, though, makes a person go -- hmmm!

The past few years have sure been erratic in production of tornadoes. May 2003 and 2004 had the most on record. Then May 2005 and May 2006 were very quiet.

Coincidentally -- or not? -- 2004 and 2005 were VERY active in terms of landfalling hurricane and tropical storm activity. Those storms produced the two most active years on record for tropical-storm-related tornadoes. Tropical Storm Zeta formed on December 30th, 2005 in the western Atlantic, for goodness sakes! It was the 27th named storm of the year.

Maine had tornadoes on Thanksgiving, 2005 -- latest on record for the state. Tornadoes struck North Dakota on November 1, 2000, the latest on record there and the farthest north on record east of the Rockies so late in the year. Do these late-season, far-north tornadoes foretell future trends in an era of global warming?

The recent tornado outbreak on September 22-23, with 32 tornadoes, was the largest on record in September for a non-tropical event. It has been an odd tornado year in 2006, with mid-March through Mid-April being the most active. What does the rest of the fall hold in store?

Wildfires have been figuratively and literally out of control, with 2005 setting a record for acres burned and now 2006 breaking that record.

Climate scientists indicate that the five warmest years on record globally (2005, 1998, 2002, 2003, and 2004) have all occurred in the last 7 years. The 1990s was the warmest decade on record. Of the 21 hottest years ever measured, 20 have occurred within the last 25 years. 2005 and 1998 tie as hottest.

All of the recent variability and weather extremes has me wondering if global change is beginning to influence the day-to-day weather systems. That topic is too far from my area of expertise to be able to provide an answer.

In a September 11 blog on acid rain (on weather.com), I mentioned a few ways that humans may be influencing global change. Come say hello at the Earth Cache event at the Washington Monument in Washington, DC, at 1:00 PM on Sunday, October 8th. I'll be mentioning acid rain, global warming, sea-level rise, and coastal erosion; and urbanization and increased flooding as problems that affect society. My talk helps kick off [Earth Science Week](http://EarthScienceWeek.org).

Posted at 10:32 pm ET

[Comments \(0\)](#) | [Permanent Link](#)

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Arizona Geological Survey Newsletter
Tucson, Arizona



2006 EARTH SCIENCE WEEK FIELD TRIP

Arizona Portland Cement Plant Tour - Saturday, October 14. In honor of **Earth Science Week** (October 8-14), AGS has arranged for members and their families to tour the cement plant near Marana. Here's where earth sciences, processing technology, environmental science, and good relationships with the neighboring community all coalesce to produce the most useful product in modern civilization. The three-hour tour will begin with an orientation at 9 AM and take the group through the plant site. Have you always wanted to look into a fiery furnace? Here's your chance. Watch while raw limestone is turned into clinker and then ground into cement powder. Meet at the cement plant by taking the Exit 240, Avra Valley Road, from Tucson and driving north on the frontage road on the west side of I-10. Take Exit 242 from Phoenix and travel south on the frontage road. Please bring hard hat, safety glasses if you can; long pants, sleeved shirts, and closed-toed shoes are required. There is no fee for this trip, but the group size is limited to 20 (no children under 12 years). Please RSVP to Secretary Cori Hoag, at (520) 663- 5295 or choag@srk.com.

Earth Science Week Resources for Teachers and Students

The theme of Earth Science Week this year is "Be a Citizen Scientist!" The website www.earthsciweek.org lists information on classroom activities, how to order a free classroom toolkit, U.S.G.S. and National Park events, and resources for earth science careers.

August 2006

- 1) PLAN ACTIVITIES NOW FOR EARTH SCIENCE WEEK 2006
- 2) GEOLOGICAL SOCIETY OF AMERICA CONFERENCE TO ADDRESS MANAGING DROUGHT AND WATER SCARCITY
- 3) NSF ANNOUNCES NEW FUNDING OPPORTUNITY
- 4) AGU FALL MEETING: SPECIAL SESSION ON EARTH SCIENCE TEACHING
- 5) CONTACT INFORMATION

[illegible]

Please contact Government Affairs at govt@agiweb.org or Linda Rowan at rowan@agiweb.org as soon as possible if you would be interested in participating. We need more citizen scientists and citizen engineers!

[illegible]

Earth Science Week is only two months away. You can organize your own local activity or become involved in one of the many activities already being planned for the week of October 8-14. How will you celebrate Earth Science Week 2006?

You can promote this year's theme - Be a Citizen Scientist - by engaging others in conducting real citizen-science research and helping to spread science literacy. Record observations of cloud patterns. Dig up fossil evidence of past life. Gather rocks in your neighborhood, crack them open with a rock hammer, and examine their insides with a magnifying glass. Take field trips to museums, science centers, parks, university geoscience departments, and weather stations. Volunteer to collect data on water and air quality, biodiversity, climate change, and other phenomena for environmental monitoring efforts. Conduct activities featured in the Earth Science Week Toolkit and Web site.

Last year, Earth Science Week was celebrated in all 50 states as well as other countries. Arizona's Petrified Forest National Park held a special event including special tours and displays, a geological scavenger hunt, and hands-on exhibits. Ohio's St. Paris Public Library teamed with the nearby Graham High School Science Department, inviting first- through third-graders to

participate in Earth science experiments and hear a talk by a Wright State University paleontologist.

Looking for adventure? Be one of the thousands of people nationwide who are expected to go online, look up predetermined latitude and longitude coordinates, and use a Global Positioning System to hunt down a nearby location on the first day of Earth Science Week. This EarthCache EventCache is being organized by the Geological Society of America (GSA), a major event partner. Participants in these "geocaching" activities will visit geological outcrops, fossil and mineral collecting sites, college geoscience departments, and state geological surveys. There, Earth scientists and other experts will provide educational talks about their site. To set up an EarthCache or learn more about how you can participate, visit <http://www.Geocaching.com> or contact GSA at cmclelland@geosociety.org

For more ideas on how you can participate, read about successful past events at <http://www.earthsciweek.org/highlights/index>, or see recommendations for planning, fundraising, and advertising your event at <http://www.earthsciweek.org/forplanners/index>

Earth Science Week Toolkit available now

The new Earth Science Week Toolkit is arriving on doorsteps across the country this month. The Toolkit is packed with everything you need to join the celebration, lead Earth science educational activities, and promote science literacy.

The 2006 Toolkit includes a school-year calendar running from August 2006 through July 2007 that features classroom activities, important geoscience information, and dates of relevant current events and Earth science milestones for each month. The Toolkit also features an overview of citizen-science and geoscience resources available from USGS, a NASA brochure detailing geoscience education programs and products, a National Parks DVD, a 24-page NOAA booklet on climate, a Scholastic/AGI poster for elementary-level Earth science teachers, and more.

In addition, the careers-oriented 2005 Toolkit ("Geoscientists Explore the Earth") and the natural hazards-focused 2004 Toolkit ("Living on a Restless Earth") is still available for order.

Library Rate shipping and handling in the U.S. is included. Expect delivery 2-3 weeks after payment is received. Faster shipping services are available at additional cost (phone 703-379-2480 for details). Orders outside of the United States will incur additional shipping charges. For special shipping, bulk orders, and more information, visit <http://www.earthsciweek.org/materials/index.html>

Join winners of last year's Earth Science Week contests

Earth Science Week organizers hope that this year's contest submissions will top last year's record number of entries. More than 500 people nationwide entered the Earth Science Week 2005 art, essay, and photography contests.

Last year's first-place winners were:

James Pugh, of Elgin, South Carolina, for his poster, "Volcanologists: It's a Hot Job."
Robert Kendall, of Phoenix, Arizona, for his essay, "The Big Dream," in which Kendall describes his love for paleontology and the career he hopes to pursue.
Brandy Anglen, of Fresno, California, for her photo of scientists testing water for sulfur isotopes at Lake Hoare in the McMurdo Dry Valleys of Antarctica.

This year, the photography contest, open to all ages, focuses on "Using and Studying Earth's Resources." Participants are encouraged to think creatively and submit pictures of geoscientists studying or working with the Earth's natural resources or people using these resources.

The 2006 visual arts contest is titled "Earth Science in Your Home Town." Students in grades K-5 are encouraged to draw, paint, or create a poster on any aspect of Earth science that affects their local community. Artwork entries should be no larger than 24-by-36 inches.

Also this year, students in grades 5-9 are eligible to enter the essay contest: "Be a Citizen Scientist!" Essays must be no longer than 500 words and should highlight the ways every person can contribute to a better understanding of our planet.

The photography, visual arts, and essay contests offer opportunities for both students and the general public to participate in the celebration, learn about the Earth sciences, and compete for prizes. The first-place prize for each contest is \$300. To learn more about these contests, or to view last year's winning entries, visit <http://www.earthsciweek.org/contests>

[IRIS] Earth Science Week (October 8th-14th)

IRIS [irismail at iris.washington.edu](mailto:irismail@iris.washington.edu)

Thu Oct 5 12:47:14 PDT 2006

- Previous message: [\[IRIS\] IRIS DMS Newsletter - Fall 2006](#)
- Next message: [\[IRIS\] \(Job\) PBO Data Engineer position in Boulder, CO](#)
- **Messages sorted by:** [\[date \]](#) [\[thread \]](#) [\[subject \]](#) [\[author \]](#)

Annually, the IRIS Consortium supports Earth Science Week (ESW) by providing materials for inclusion in the ESW kit and contributing classroom activities for the ESW calendar; both distributed by the American Geological Institute. In alignment with this year's theme, "Be a Citizen Scientist," the IRIS Consortium has contributed:

- a new one-pager to help citizens explore if the Earth shook near where they live (<http://www.iris.edu/edu/onepaggers.htm#REV>), and
- a classroom activity to allow citizens to investigate how often earthquakes of various magnitudes happen within a geographic region of their choice (March 2007 @ <http://www.earthsciweek.org/calendar/index.html>).

If you are participating in ESW activities at your institution, we would like to recommend trying the activity with either students or teachers, and disseminating the new one-pager at your event. Hard copies of this one-pager can be requested by emailing [EandOproduct at iris.edu](mailto:EandOproduct@iris.edu)

For additional details about ESW or this year's theme please visit www.earthsciweek.org/

Michael Hubenthal
Education Specialist
IRIS Consortium
607-777-4612
www.IRIS.edu
[hubenth at iris.edu](mailto:hubenth@iris.edu)

NASA Science Mission Directorate-Earth Science Education Update
Email Newsletter
May 2006

BEYOND NASA

(7) Commercial Remote Sensing Satellite Symposium, Washington, DC, Sept. 15-19

(8) Earth Science Week 2006: "Be A Citizen Scientist!" Oct. 8-14

(9) Earth & Sky Interviews Selected for "My Hero" Project

(8) EARTH SCIENCE WEEK 2006: "BE A CITIZEN SCIENTIST!" OCT. 8-14, 2006

Since October 1998, the American Geological Institute (AGI) has organized Earth Science Week, a 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. AGI has announced "Be A Citizen Scientist!" as the theme for this year's Earth Science Week. What does it mean to be a Citizen Scientist? It means getting involved, with real people collecting data, observing, and testing. Neither a Ph.D nor even formal education in Earth Science is necessary to be a Citizen Scientist, only an interest and desire to learn. To get involved in ESW 2006 visit <http://www.earthsciweek.org/>.

NASA Science Mission Directorate-Earth Science Education Update
Email Newsletter
June 2006

UPDATE FROM NASA

- (1) Cassie Soeffing Concludes NASA Einstein Distinguished Educator Fellowship
- (2) New Earth Science Resources Pass NASA Review
- (3) NASA Sponsor of Earth Science Week 2006: "Be a Citizen Scientist!"
- (4) NASA Portal Feature - Earth & Sky Radio Series
- (5) On-Line Course for Elementary Teachers: Laboratory Earth: Concepts and Applications
- (6) CESE Meeting Planned for Nov. 17-18, Boulder, Colo.

(3) NASA A SPONSOR OF EARTH SCIENCE WEEK 2006: "BE A CITIZEN SCIENTIST!"

NASA is contributing four products to the Earth Science Week toolkits that will be available to teachers for Earth Science Week 2006, Oct. 14-16. Materials from NASA that will be included in the toolkits are:

MY NASA DATA flyer;

NASA Earth Science Education 2006 brochure;

S'COOL Cloud Identification Chart; and

A lithograph on the NASA Ozone Monitoring Garden.

The 2006 Toolkit will be available August 1, 2006, and can be ordered online at the Earth Science Week web site, <http://www.earthsciweek.org/materials/index.html>.

Since October 1998, the American Geological Institute (AGI) has organized Earth Science Week, a 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. To get involved in ESW 2006 visit <http://www.earthsciweek.org/>.

NASA Science Mission Directorate-Earth Science Education Update
Email Newsletter
July 2006

BEYOND NASA

- (3) Earth Science Share-a-thons at NSTA Regionals (Deadline for presenters: Aug. 2)
- (4) Art Contest for Grades 2-4: Polar Exploration (Entries Due: Nov. 10)
- (5) AGU Seeks Abstracts for 2006 Fall Meeting (Abstracts Due: Sept. 7)
- (6) Contests Add Fun, Learning to 2006 Earth Science Week (Deadline: Oct. 5)
- (7) WWF Announces 2007-08 Kathryn Fuller Fellowships (Applications due: Nov. 15)

(6) CONTESTS ADD FUN, LEARNING TO 2006 EARTH SCIENCE WEEK

Deadline: Oct. 5, 2006

"Be a Citizen Scientist!" is the theme for this year's Earth Science Week, October 8-14, sponsored by the American Geological Institute (AGI). This theme will engage students and the public in conducting real "citizen science" research and help to spread science literacy. As part of Earth Science Week 2006, AGI is sponsoring three national contests. The photography, visual arts, and essay contests offer opportunities for both students and the general public to participate in the celebration, learn about the Earth sciences, and compete for prizes. The photography contest is open to all ages and focuses on "Using and Studying Earth's Resources." The visual arts contest is titled "Earth Science in Your Home Town" and is for students in grades K-5. Students in grades 5-9 are eligible to enter the essay contest: "Be a Citizen Scientist!" For more information, visit <http://www.earthsciweek.org/contests>

NASA Science Mission Directorate-Earth Science Education Update

Email Newsletter

September 2006

BEYOND NASA

(7) Coalition for Earth Science Education - November Meeting Rescheduled For March 2-3, 2007

(8) AGU Accepting Nominations for 2007 Charles S. Falkenberg Award (Due: October 15, 2006)

(9) Celebrate Earth Science Week with EarthCache Activities

(10) Exploratorium Webcast Series from the South Pole

(11) Center of Excellence in Remote Sensing Education and Research - Distinguished Lecture Series, Oct. 19, 2006, Elizabeth City, NC

(9) CELEBRATE EARTH SCIENCE WEEK WITH EARTHCACHE ACTIVITIES

In Geocaching (Geocaching.com), an organizer posts latitude and longitude coordinates on the Internet to advertise a “cache,” a scavenger-hunt destination, which geocachers locate by using GPS devices. EarthCaching has recently added an educational dimension. When geocachers visit an EarthCache site, they learn something special about Earth science, the geology of the location, or how the Earth’s resources and environment are managed. EarthCaching has been developed by the Geological Society of America (GSA), in association with Groundspeak, Inc. and the geocaching community.

Two EarthCaching activities are planned for Earth Science Week:


- GSA is promoting an “EventCache” nationwide, from 1 to 3 p.m. (local time), on Sunday, Oct. 8. The EventCache provides a common time for EarthCache activities planned across the country. Organizers are invited to advertise local EarthCaches via <http://www.geocaching.com> and by sending details to GSA at cmclelland@geosociety.org and AGI at mau@agiweb.org
- First annual Washington, D.C. EarthCache (<http://www.earthsciweek.org/dcevent2006.html>). GSA and AGI are co-hosting this event, including geoscience presentations and hands-on demonstrations, at the foot of the Washington Monument from 1 to 2 p.m., Sunday, Oct 8. Greg Forbes, an on-air personality and severe weather expert for The Weather Channel cable network, will lead a brief educational program and festivities.

For more information on these and many other activities planned for the 2006 Earth Science Week, visit: <http://www.earthsciweek.org/>.

NASA S'COOL E-Note


Email News


July 2006


**NATIONAL AERONAUTICS
AND SPACE ADMINISTRATION**

FIND IT @ S'COOL

+ GO

E-note Index

June 2006

August 2006

S'COOL E-note for July, 2006

Greetings and welcome to the fifth monthly email of news from S'COOL.

THIS MONTH'S NOTES INCLUDE:

- 1) Earth Science Week, Oct. 8-14, 2006: "BE A CITIZEN SCIENTIST!"
- 2) Earth Observatory and Science@NASA: on-line science magazines
- 3) Don't forget the Cloud Photo of the Month while on summer vacation!
- 4) Changes in registration information

(1) Earth Science Week, Oct. 8-14, 2006: "BE A CITIZEN SCIENTIST!"
NASA is contributing four products to the Earth Science Week toolkits that will be available to teachers for Earth Science Week 2006, including

- MY NASA DATA flyer;
- NASA Earth Science Education 2006 brochure;
- S'COOL Cloud Identification Chart; and
- Lithograph on the NASA Ozone Monitoring Garden.

The 2006 Toolkit will be available August 1, 2006, and can be ordered online in advance at the Earth Science Week web site, <http://www.earthsciweek.org/materials/index.html>. Plan now for this fall! (In past years, NASA HQ has provided kits for active S'COOL participants. No word on that yet for this year, but it may happen again - usually last minute, though.)

Triangle Coalition Electronic Bulletin
Email News
August 2006

TCEB

Triangle Coalition Electronic Bulletin

August 17, 2006 Volume 12, Number 32

Published by the
Triangle Coalition for Science and Technology Education

Issue Sponsor:
National Renewable Energy Laboratory and
Triangle Coalition for Science and Technology Education

This Week's Topics:

- CONVOCATION ON RISING ABOVE THE GATHERING STORM
- SLOAN CAREER CORNERSTONE CENTER EXPANDS MATHEMATICS CAREER PLANNING RESOURCES
- NCES RELEASES DIGEST OF EDUCATION STATISTICS, 2005
- EDUCATION, INNOVATION HEADLINE NATIONAL GOVERNORS ASSOCIATION MEETING
- AGI ANNOUNCES RELEASE OF 2006 EARTH SCIENCE WEEK TOOLKIT
- MUSEUM OF SCIENCE, BOSTON TO RECEIVE \$20 MILLION TO INSPIRE AND EDUCATE THE NEXT GENERATION OF ENGINEERS
- USING MUSIC TO TEACH MATHEMATICS

-- AGI ANNOUNCES RELEASE OF 2006 EARTH SCIENCE WEEK TOOLKIT

In support of Earth Science Week 2006 (October 8-14), the American Geological Institute (AGI), working with government agencies and other scientific and educational organizations, has developed the 2006 Toolkit for grades K-12 and beyond focusing on "Be a Citizen Scientist." This year AGI has published a new edition of its popular Earth Science Calendar filled with activities and important geoscientific dates, which is included in the Toolkit. These activities, supplied by AGI member societies and other organizations, engage students in learning about the earth sciences while they collect data throughout the year for ongoing research projects. The Toolkits also include factsheets on citizen science programs from the U.S. Geological Survey, a DVD entitled "Views of the National Parks" from the National Parks Service, and a lithograph about ozone and a cloud chart from NASA. The Smithsonian Institution has developed "Earth from Space," a new web resource for teachers that compliments the traveling exhibition by the same name that will be launching in time for Earth Science Week 2006. The Toolkit includes more information about this interactive website that uses satellite images and features downloadable lessons based on the National Standards. The "Earth from Space" exhibit begins its national tour in November 2006 at the National Air and Space Museum. In addition, the Toolkit contains an activity-rich poster for grades K-5 from Scholastic, posters from IRIS and EarthScope, and materials from the Geological Society of America, plus much more. More details are 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 coordinated by Triangle Coalition member, the American Geological Institute, with support from the U.S. Geological Survey, the AAPG Foundation, and the National Park Service. To learn more, visit www.earthsciweek.org. The American Geological Institute is a nonprofit federation of 44 scientific 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 interest 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 the resources and interaction with the environment. More information about AGI can be found at www.agiweb.org. The Institute also provides a public outreach site at www.earthscienceworld.org.

Ventures Scholars-Ventures into Geosciences Newsletter

Email News

September 2006


... make sure our emails reach your inbox, please add webmaster@ventures.org to your address book.
This email contains pictures. If you do not see the pictures, please [click here](#).



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VENTURES *into* the Sciences


Ventures into Geosciences

This Newsletter Sponsored by Shell 

September 2006

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Getting Involved: Earth Science Week - October 8th-14th



Participate in Earth Science Week! Possibly you will learn about new careers and how to help our environment! American Geological Institute has developed a booklet and a contest to get you and your friends involved!

Be A Citizen Scientist - Celebrate Earth Science Week

We truly are citizens of the Earth. As the planet's native inhabitants, we all share an appreciation of its beauty, use of its resources, and care for its future. That's why "citizen science" — involving ordinary citizens in building our scientific understanding of the Earth's systems — is so important.

Learn more about the citizen science opportunities awaiting you by taking part in Earth Science Week, October 8-14, 2006, when we will celebrate the theme "Be a Citizen Scientist!" This year we focus on ways that everyday people can conduct real scientific investigations, highlight the value of Earth science in everyone's life, raise the profile of geoscientists' important work, and help spread science literacy.

There are lots of ways you can participate in Earth Science Week and other activities all year long. Accept the geosciences' challenge to all citizens of the Earth: Be a Citizen Scientist. [Click here](#) to access additional information.

THE EARTH ROCKS!!!



A Celebration of Earth Science Week October 9 through 14, 2006 Preliminary Schedule of Events

Geology of the Davis Mountains Lecture (Monday, October 9th)

Chihuahuan Desert Mining Heritage Exhibit Tour (Tuesday, October 10th)

*Visitors from the Heavens: Meteorites of the Chihuahuan Desert Lecture
(Wednesday, October 11th)*

Domes of the Davis Mountains Field Trip (Thursday, October 12th)

*Really Big Visitors from the Heavens A Field Trip to Meteorite Impact Sites
(Saturday October 14th)*

Fun with Earth Science (October 13th & 14th)

Visit the Chihuahuan Desert Nature Center & Botanical Gardens for a day (or two!) of fun with Earth Science. Kids activities include a rock & mineral identification contest, panning for minerals, florescent mineral display, and a rock roulette wheel. Enjoy mineral displays, a guided tour of the Chihuahuan Desert Mining Heritage Exhibit, fossil exhibits, and the opportunity to talk to earth scientists about what they do and why they do it. For more information go to www.cdri.org or contact Dan Bennack (dbennack@cdri.org; 432.364.2499) to schedule a group. Admission is \$5.00 per person, children under 12 \$2.50.

The Chihuahuan Desert Nature Center & Botanical Gardens
Hwy 118, 4.5 miles south of Fort Davis
P.O. Box 905
Fort Davis, TX 79734
www.cdri.org 432.364.2499



Hudson-Mohawk Professional Geologists' Association
Albany, New York



**2006 - 2007
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HUDSON-MOHAWK PROFESSIONAL GEOLOGISTS' ASSOCIATION
P.O. Box 5506
Albany, New York 12205

To All Earth Science Teachers:

Earth Science Week 2006 will be celebrated from October 8-14, with the theme "Be A Citizen Scientist!" During Earth Science Week, we hope that you will bring some aspect of Earth Science into your classroom. Your students will not only learn something new about the world around them, but will have fun discovering why Earth Science is important to society.

To celebrate Earth Science Week, the Hudson-Mohawk Professional Geologists' Association will be hosting an essay and picture contest for grades K-5, 6-8, and 9-12. Students are encouraged to write a one-page essay or draw a picture that describes what it means to "Be A Citizen Scientist" from a student's perspective.

Essays are to be no longer than one 8.5" by 11" page and must include the student's name, grade, school, teacher, and school phone number on the back.

Pictures are to be no larger than one 8.5" by 11" page and must include the student's name, grade, school, teacher, and school phone number on the back.

Entries will be separated into age groups K-5, 6-8, and 9-12. We will be awarding prizes for first and second place for each age group. Only one entry will be accepted per student for this contest. Students may submit either a picture or an essay, but not both. If an essay and a picture are submitted, the picture will be eliminated and the essay will be judged.

All entries must be postmarked by Friday October 14, 2006 and mailed to:

HMPGA

South Australia Museum

Adelaide, Australia

Under the Earth and into Space in 3D.

Location: Meet at the S.A. Museum

Dates 16 to 20 October

Cost \$100 per class (up to 32 students)

Earth Science Week is during the South Australian school holidays, so we are celebrating when school goes back. The University of Adelaide and Outreach Education (SA Museum) will be using the high end computing power of Vislab to show students our Earth. Students will see how powerful visualisation programs (and 3d glasses) allow us to “see” beneath our Earth and even into space to look at the geology of other planets. Computer experience will be complemented by an exploration of the stunning minerals gallery at the museum.

For bookings contact Chris on 8207 7429