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Earth Science Week 2007 Highlights

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University of Northern Iowa News

USGS Center for Coastal and Watershed Studies / Florida Integrated Science
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Arch Coal Press Release

St. Louis, Missouri

Arch Coal Geologists Set To Celebrate Earth Science Week October 14-20; They Remember the Teachers Who Helped Set Their Course

ST. LOUIS (October 4, 2007) – Mark Bunnell, Mike Lincoln and Matt Workman, all geologists for Arch Coal, Inc., have Earth Science Week – October 14-20 – marked on their calendars.

It isn't a high profile holiday week, the three acknowledge, but it is one that they feel is very important.

Arch Coal Foundation President Deck Slone agrees. "In the coal mining business, a geologist has very important responsibilities because mine safety and productivity as well as future mining operations require information developed by the mine geologist," he says.

Slone, who also is Arch Coal's vice president of investor relations and public affairs, says Bunnell, Lincoln and Workman attribute their career choice to exceptional teachers. Honoring the special role of exceptional teachers is an important area of interest for the Arch Coal Foundation.

"Mr. Williams, who was very skilled at getting students involved in his classes at Carbon High School, introduced me to the subject and I started filling my bedroom with rocks and minerals I collected in the nearby desert. At the College of Eastern Utah in Price, Don Burge was the professor that really got me hooked on geology," says Bunnell, who is a senior geologist for Arch Coal, living in Price, Utah.

Lincoln, who heads geologic operations in the west for Arch Coal, works in Wyoming and has a special connection to the earth sciences. His father was an earth sciences teacher. "I guess it was always around me at home," Lincoln says. "Also, I had a number of good teachers throughout school and in the Geology Department at the University of Northern Colorado."

Workman remembers Charles Thompson, who taught at Ft. Gay junior and senior high schools in West Virginia. "He taught earth and life sciences. His hands-on approach to the sciences, such as field trips, got me interested in geology," says Workman, a senior geologist. "I've always enjoyed being outdoors and working with my hands, so there was a natural attraction to the field."

"Dr. Ghosh at Marshall University (Huntington, W.Va.) was an excellent teacher," says Workman. "I especially remember a field trip several of us took with Dr. Ghosh over a spring break, when we spent the entire time studying the geology of Big Bend National Park in Texas."

"I suspect that everyone can remember a special teacher," says Slone. "The Arch Coal Teacher Achievement Awards program provides an opportunity for people in West Virginia, Wyoming and Carbon, Emery, Sevier and Sanpete counties of Utah to tell us about excellent teachers in their area."

The public nominates teachers for the prestigious classroom teacher awards program. Each recipient receives a \$2,500 personal, cash award. Nomination forms are available in schools and at a number of public locations. Nominations also may be submitted online at www.archteacherawards.com.

This year's Earth Science Week is the tenth sponsored by the American Geological Institute, with a theme "The Pulse of Earth Science." Organizers hope that public awareness of earth sciences becomes greater and that the week will help spread understanding of the impact the earth sciences have on society.

The week also will be recognizing the efforts of students who have competed in contests about earth sciences. More information is available at <http://www.earthsciweek.org/>.

St. Louis-based Arch Coal is one of the nation's largest coal producers. The company's core business is providing U.S. power generators with clean-burning, low-sulfur coal for electric generation. Through its national network of mines, Arch supplies the fuel for approximately 6 percent of the electricity generated in the United States.

Community College of Baltimore County, Maryland Press Release

Baltimore County, Maryland

For immediate release
October 1, 2007

Media Contact: [Jannette Witmyer](#)
410-455-4117

CCBC Earth Science Week lecture explores marine geology

Baltimore County, Md. – According to the U.S. Environmental Protection Agency, "approximately 80 percent of Earth's surface is covered with water." If that's the case, then how on Earth do geologists explore and excavate that vast area of submerged terrain? Meagen Pollock, Ph.D., a visiting assistant professor of geology at Dickinson College, knows the answer.

She'll share those facts and many more at her CCBC Catonsville Earth Science Week lecture, "How geologists 'do' Marine Geology," 2 - 3 p.m. Tuesday, October 16 in H building, room 308.

Pollock, who earned her undergraduate degree in geology from Marshall University and her doctorate in high-temperature geochemistry from Duke University, is currently involved in research that focuses on the composition of the oceanic crust.

The project has sent her to Iceland and on several research cruises in the eastern Pacific, where she has gained extensive knowledge of the global Mid-Ocean Ridge system, a 65,000 kilometer mountain range of which 90 percent lies in the deep ocean.

How do marine geologists explore the deep ocean floor? You are invited to come learn how submersibles, drills and sound waves are used to gather information and piece together the puzzle of the Mid-Ocean Ridge. The lecture is free and open to the public. For additional information, please call 410-455-4216.

Florida Governor's Office Press Release
Tallahassee, Florida



FOR IMMEDIATE RELEASE: October 16, 2007
CONTACT: Dee Ann Miller, (850) 245-2112

FLORIDA CELEBRATES EARTH SCIENCE WEEK

--Week promotes environmental stewardship through earth sciences--

TALLAHASSEE – Recognizing the important role of earth sciences, Governor Charlie Crist and the Florida Department of Environmental Protection join states across the nation to recognize October 14-20, 2007, 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 the key to a healthy and sustainable environment,” said DEP Secretary Michael W. Sole. “Geologists and other scientists provide critical information to preserve, restore and protect our natural resources. Science is at the heart of the state’s exploration of groundbreaking technologies and strategies that place our state at the forefront of the growing worldwide movement to reduce greenhouse gases.”

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 Wednesday, October 17, featuring activities and tours to educate the public on how earth sciences affect our daily lives. DEP is partnering this year with Florida State University’s Department of Geological Sciences to offer tours of the Antarctic Research Facility in recognition of International Polar Year (IPY) in 2007-2008. The open house 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, “The Pulse of Earth Science” promotes public and professional awareness of the status of earth science in education and society.

For descriptions of Earth Science Week activities visit
<http://www.dep.state.fl.us/geology/events/index.htm>.

GSA International Earthcache Day Press Release

Boulder, Colorado



N · E · W · S · R · E · L · E · A · S · E

Contact: Ann Cairns
Director-Communications/Marketing/Sales
[acairns@geosociety.org], (303) 357-1056

8 October 2007
GSA Release No. 07-48

FOR
IMMEDIATE
RELEASE

IMAGES AVAILABLE
Click on image for
high-resolution photo.

International Earthcache Day Kicks Off Earth Science Week on Sunday, 14 October

Boulder, CO, USA – Geocachers around the globe are invited to fire up their GPS units on Sunday, 14 October, and celebrate the beginning of Earth Science Week. Instead of searching for buried trinkets at ordinary geocache sites, however, GPS enthusiasts are encouraged to set their coordinates for EarthCaches and discover Earth's natural treasures.

Sunday, 14 October, is International EarthCache Day. It marks the beginning of Earth Science Week, an annual educational event promoting awareness of the geosciences, which takes place 14-20 October.

"Every week thousands of people are out with GPS units hunting for loot in hidden geocache boxes," said Gary Lewis, Director of Education and Outreach for the Geological Society of America. "With EarthCaching, they're field geologists for a day. They have a great time exploring some of Earth's most beautiful features without disturbing the land." Lewis directs the Society's participation in EarthCache.org.

EarthCaching, Lewis explains, is an educational twist on the hugely successful game of geocaching. EarthCachers begin by registering and selecting a site to visit from www.earthcache.org. After arriving at the chosen location via GPS technology, they perform a task specified on the EarthCaching site, such as measuring the size of fossils or height of a waterfall. Participants often take photos of the site, themselves, or their companions and afterwards log their experience and photos on the geocaching web site.

The EarthCache program was established by the Geological Society of America in 2004 in partnership with Groundspeak Inc. of Seattle, WA. Sponsors and partners now include Subaru of America, National Geographic Educational Foundation, National Park Service, and Leave No Trace Center for Outdoor Ethics.

According to Lewis, four initial caches were established in Colorado and Australia. Since then, participants have developed an additional 1600 EarthCaches in 47 countries and more than 97,000 people have participated.

For more information on EarthCaching or International EarthCache Day contact:

Gary Lewis
Director – Education and Outreach
Geological Society of America
+1-720-201-8132
[glewis@geosociety.org]

For more information on Earth Science Week contact:

Geoffrey Camphire
American Geological Institute
+1-703-575-8815
[gac@agiweb.org]

www.geosociety.org
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Garden of the Gods
EarthCache-Colorado



Great Lakes-Lake Iroquois
EarthCache-Canada



San Andreas Fault Goes
Surfing EarthCache



Stromatolite Fossils
EarthCache-NY



Fish River Canyon
EarthCache-Namibia

Hawaii Department of Land and Natural Resources Press Release
Honolulu, Hawaii



DEPARTMENT OF LAND AND NATURAL RESOURCES

News Release

LINDA LINGLE
GOVERNOR

LAURA H. THIELEN, CHAIRPERSON
Phone: (808) 587-0401
Fax: (808) 587-0390

For Immediate Release: October 5, 2007

**DLNR Invites Teachers, Students To Celebrate The
Land And Sea During
October 14-20, 2007 Earth Sciences Week**

HONOLULU -- In recognition of the importance of earth science to our lives and to the welfare of our planet, and to encourage Earth Science awareness in Hawai'i, Governor Linda Lingle and Lieutenant Governor James R. "Duke" Aiona, Jr., have proclaimed October 14-20, 2007 as Earth Science Week 2007 in Hawai'i.

"As stewards of the natural resources of our islands, the Department of Land and Natural Resources joins Governor Lingle and Lt. Governor Aiona to strongly encourage Hawai'i's students, parents, teachers, and anyone interested in the earth sciences to take advantage of the information and resources available through the American Geological Institute, hosts of Earth Science Week 2007," said Laura H. Thielen, DLNR chairperson.

At the AGI Earth Science Week 2007 website, <http://www.earthsciweek.org/> teachers can find resources such as classroom activities, contests, Earth Science Week newsletter, research projects they can participate in, theme-based resources, career resources, and more. Teachers can obtain a free Earth Science Week toolkit from DLNR's Commission on Water Resource Management by calling 587-3867 or emailing Diane.R.England@hawaii.gov

Some other sources of online resource information can be found at:

Haleakala National Park website <http://www.nps.gov/hale/>

Hawai'i Volcanoes National Park website <http://www.nps.gov/havo/forteachers/index.htm>

U.S. Geological Survey website <http://www.usgs.gov/earthscience/default.asp>

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For more information, contact:

Deborah Ward Gubernatorial Proclamation Earth Science Week logo

DLNR Public Information Specialist

Illinois State Geological Survey Press Release

Champaign, Illinois



Earth Science Week October 14-20, 2007

The Illinois State Geological Survey is commemorating the Tenth Annual Earth Science Week from October 14 to October 20, 2007, with a proclamation from the Illinois Governor, a geological science field trip, and the distribution of 50 earth science curriculum packets to secondary school science teachers and other educators. These activities are part of the larger national and international celebration organized by the American Geological Institute (AGI) "to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth." This year's theme is "The Pulse of Earth Science."

The 2007 Earth Week activities fit in well with the Survey's mission to provide the citizens and institutions of Illinois with accurate, objective earth science research and information relevant to the state's environmental quality, economic prosperity, and public safety.

Governor's Proclamation

The Earth Science Week proclamation by Governor Rod R. Blagojevich recognizes the importance of earth science to Illinois with these words:

- The earth sciences, especially geology, are integral to finding, developing, and conserving the water, mineral, and energy resources needed for modern society.
- The earth sciences provide the basis for preparing for and mitigating the effects of natural hazards such as floods, landslides, earthquakes, volcanic eruptions, sinkholes, and coastal erosion.
- Knowledge about geological factors regarding earth resources, hazards, and the environment are vital to land management and land use decisions at local, state, regional, national, international, and global levels.
- Study of the earth sciences contributes critically important information to our understanding of the natural world.
- Earth Science Week is an opportunity to seek a greater understanding and appreciation of the value of earth science research and its application and relevance to our daily lives, as well as for science teachers at all levels throughout the state of Illinois to undertake lessons and activities with their students directed toward the study of earth science.

ISGS Geological Science Field Trip, October 20, 2007

More than 100 participants have already registered to attend the October 20th ISGS Geological Science Field Trip at Pere Marquette State Park and Surrounding Area, Jersey and Madison Counties, Illinois. The all-day trip begins at the State Park Visitor Center and proceeds first to Goat Cliff Trail, where geologists will point out and describe the folds, faults, and geologic exposures of the area. Traveling by car, participants will then proceed through historic Grafton, well-known for its high-quality building stone, en route to the Grafton Visitor Center and Keller Quarry. This area is famous for the number and quality of the trilobite specimens found here. Lunch will be outside the National Great Rivers Museum and the Melvin Price Locks and Dam. The museum, opened in 2003 by the U.S. Army Corps of Engineers, is dedicated to telling the story of the confluence of three great rivers—the Mississippi, the Missouri, and the Illinois—in a comprehensive and compelling way. The fourth stop is the relatively new Piasa Park, home of the modern Piasa Bird pictograph. Geologists will tell the history, legend, and lore surrounding the Piasa. The park also is a good location to view local Mississippian rocks and learn about the local lime and stone industry. The final stop of the day will be Kimaterials, Inc., Lohr Quarry. Geologists will help participants understand the rock sequence (stratigraphy) exposed in the quarry and the mining operation there. Registration and additional field trip information is available at <http://www.isgs.uiuc.edu/education/field-trips/intro.shtml>.

AGI Toolkit Distribution

Fifty earth science toolkits, produced by the American Geological Institute, have been made available to the ISGS for distribution to science teachers for use in their classrooms. The toolkits offer a wealth of information for teachers and their students. Among the many materials enclosed in the toolkit packet are suggestions for use of the toolkit, an earth science activity calendar for the 2007-2008 school year, U.S. Geological Survey fact sheets, a CD and poster from NASA, a CD from the USGS, a CD from ESRI GIS Solutions for Education, a booklet from NOAA, posters, student contests and opportunities, link information to earth science Web sites, bookmarks, and several other items. Toolkits can be obtained from AGI at <http://www.agiweb.org>.

Find Out How You Can Be Involved in Earth Science Week

Visit the AGI Web site (<http://www.agiweb.org> or <http://www.earthscienceweek.org>) to find out more details about Earth Science Week and scheduled activities to promote awareness of earth science in education and society. The site also is a gateway to information about the International Polar Year (IPY) and the International Year of Planet Earth (IYPE), of which AGI is a Founding Partner. A wealth of earth science information and many useful earth science information links can be found there as well. AGI is a nonprofit federation, founded in 1948 and currently composed of 44 geoscientific and professional associations representing more than 120,000 geologists, geophysicists, and other earth scientists.

Kansas Geological Survey Press Release

Lawrence, Kansas



News Release, Kansas Geological Survey, Sept. 17, 2007

KGS Announces Release of 2007 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 14-20, 2007, 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 Landsat images of Antarctic ice sheets and glaciers; a NASA "Exploring Ice" CD-ROM; undergraduate and graduate scholarship/fellowship opportunities with the National Oceanic and Atmospheric Administration; GPS and GIS lessons for earth science education; U.S. Geological Survey DVD tutorials; and wall posters and educational handouts. 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 "The Pulse of Earth Science." The goal is to promote public and professional awareness about the status of Earth science in education and society. Central to the goal is to help participants better understand the Earth sciences' impact on society.

Earth Science Week 2007 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 \$4.50 per toolkit for shipping and handling. After supplies are exhausted, additional copies may be purchased from AGI for \$6.95 each, plus shipping and handling. 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.agi.org/earthsciweek/) website

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

[Kansas Geological Survey](#), Publications and Public Affairs

URL="http://www.kgs.ku.edu/General/News/2007/esw_tools.html"

Michigan Department of Environmental Quality Press Release Lansing, Michigan

www.michigan.gov
(To Print: use your browser's print function)

Release Date: October 15, 2007
Last Update: October 15, 2007

Contact: Robert McCann (517) 241-7397

Agency: Environmental Quality

October 14-20 is Earth Science Week in Michigan

October 15, 2007

Governor Jennifer M. Granholm has declared October 14-20 as Earth Science Week in Michigan as part of a nationwide observance that emphasizes the importance of earth sciences to the health, safety, and economic well being of our 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. This knowledge provides insight on the characteristics of Michigan's land, groundwater, and surface water resources, and serves as a basis for preventing and remediating contamination problems.

The Department of Environmental Quality is taking the lead in celebrating Earth Science Week in Michigan, with a number of resources available online at <http://www.michigan.gov/degogs>, then click on "Geology in Michigan."

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

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

Revised October 15, 2007 by Pat Watson

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Missouri Department of Natural Resources Press Release
Jefferson City, Missouri



**Missouri Department of
Natural Resources**



News Release 457

**GOV. BLUNT PROCLAIMS EARTH SCIENCE WEEK
OCT. 14 THROUGH OCT. 20**

***Division of Geology and Land Survey leading the effort for the
Department of Natural Resources***

Volume 35-457

Contact: Hylan Beydler

(For immediate release)

(573) 368-2118

JEFFERSON CITY MO, OCT. 11, 2007—Gov. Matt Blunt has declared the week of Oct. 14-20 as Earth Science Week to bring awareness to the fact that earth sciences are fundamental to the health, safety and welfare of all Missourians.

Earth Science Week is celebrated the second full week of October throughout the nation as well as in other countries. The purpose is to increase public understanding and appreciation of the Earth sciences. "The Pulse of Earth Science" was selected as the theme of Earth Science Week 2007 to promote public and profession awareness of the status of earth science in education and society.

Launched in 1998 by the American Geological Institute, efforts have grown on local, national and international levels to highlight the vital role Earth sciences play in society's use of resources and interaction with the environment.

"We are pleased to again join AGI and other sponsoring agencies to bring earth sciences to the forefront," said Mimi Garstang, state geologist and director of the Department of Natural Resources' Division of Geology and Land Survey. "Our lives are affected daily, by the important role geologists, surveyors and all earth scientists play in the society in which we live. We encourage schools to highlight the earth sciences as a career choice and demonstrate the benefits earth sciences bring to the community." Staff members from the department's Rolla office are helping to spread science literacy to benefit Missourians by speaking to students in both indoor and outdoor classroom settings and preparing displays for school libraries in the state. For more information about Earth Science Week, visit www.dnr.mo.gov/geology.

The department's Division of Geology and Land Survey offers fact sheets, maps, trading cards and a wide variety of publications on topics such as rocks, minerals and fossils. Visitors are welcome at the Ed Clark Museum of Geology, which is open to the public from 8 a.m. to 5 p.m. weekdays. The division offers posters, maps, trading cards and a wide variety of publications on topics such as land surveying, rocks, minerals and fossils. You can reach the publications desk in Rolla at (573) 368-2125 or 1-800-361-4827 or visit online at www.dnr.mo.gov/geology.

For news releases on the Web, visit www.dnr.mo.gov/newsrel. For a complete listing of upcoming meetings and events in the state park system, visit the online calendar at www.dnr.mo.gov/calendar/parkssearch.do.

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Editor: Photo available at <http://www.dnr.mo.gov/newsrel/earthscience.jpg>.

Cutline: From left: Missouri Department of Natural Resources Director Doyle Childers presents Mimi Garstang, state geologist and director of the Department of Natural Resources' Division of Geology and Land Survey, with a proclamation signed by Gov. Blunt. Gov. Blunt proclaimed Oct. 14 through Oct. 20 as Earth Science Week.

Missouri Department of Natural Resources Press Release
Rolla, Missouri



**Missouri Department of
Natural Resources**



News Release 481

**GEOLOGIC TREASURES FROM MISSOURI ON DISPLAY
AT ROLLA HIGH SCHOOL LIBRARY**
*Library is recipient of popular book—Geologic Wonders and
Curiosities of Missouri*

Volume 35-481

Contact: Hylan Beydler

(For immediate release)

(573) 368-2118

ROLLA, MO, OCT. 26, 2007 – Some of Missouri's geologic treasures are on display at the Rolla High School library through the end of October, thanks to Rolla High School Library media specialist Jennifer Elmore and the Department of Natural Resources' Division of Geology and Land Survey (DGLS).

The exhibit at the library includes maps and educational posters about the geologic characteristics of Missouri and why it is important to understand our state's geology, along with a large, panoramic photo of the sinkhole collapse that occurred in Nixa late last year. Rocks, minerals and fossils, all of which were either, found, unearthed or mined in Missouri, are part of the exhibit, prepared in part to celebrate Earth Science Week on Oct. 14-20. The impressive display is from the Ed Clark Museum of Missouri Geology located at DGLS on 111 Fairgrounds Road in Rolla. The museum is open to the public, weekdays from 8 a.m. to 5 p.m.

Mimi Garstang, state geologist and director of the Division of Geology and Land Survey presented Elmore a copy of the popular book, *Geologic Wonders and Curiosities of Missouri*. The book was published by DGLS. "Part of our goal is to increase awareness of the importance of the geosciences," Garstang said. "We hope to encourage our nation's youth to pursue careers in this area."

According to Ms. Elmore, many students are interested in the strange wonders found in the region. "I appreciate the donation of *Geologic Wonders and Curiosities of Missouri* to our high school library so students can satisfy their curiosity. The poster of the Nixa sinkhole has students searching through the book for other geologic anomalies," said Elmore. "The beauty of the natural stones reminds us of the incredible beauty so readily available to us as residents of Missouri. This display has sparked lots of student interest in the intriguing geology of our state. The amazing size and quality of the specimens is fascinating."

In conjunction with the department display, the library is sponsoring a reading incentive activity where student readers can win strings of beads made from natural stones like amethyst, citrine, onyx, agate, jasper and rose quartz. "Sometimes it just takes a little spark of interest and a little conversation to encourage a reluctant reader to try something new," said Elmore."

DGLS offers educational posters, maps, trading cards and a wide variety of publications on topics such as rocks, minerals, fossils and land surveying. The division's publications desk in Rolla can be reached by calling (573) 368-2125 or 1-800-361-4827. More information on division publications is also available on the Web by visiting www.dnr.mo.gov/geology.

For news releases on the Web, visit www.dnr.mo.gov/newsrel. For a complete listing of the department's upcoming meetings, hearings and events, visit the department's online calendar at www.dnr.mo.gov/calendar/search.do.

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Editor: Photo is available at <http://www.dnr.mo.gov/newsrel/esweekrhslib.jpg>.

Cutline: Geologic treasures on display in the Rolla High School Library through the end of October.

Ohio Statehouse Press Release

Columbus, Ohio

The Ohio Statehouse Will Hold a Earth Science Week Fossil Tour

COLUMBUS, OHIO (October 10, 2007) - (Columbus) - The Ohio Statehouse will celebrate Earth Science Week with a special Fossil Tour on Friday, October 19, 2007 from noon to 1 p.m. This tour will be led by Ohio State University Geologists Dale Gnidovec and Dr. Garry McKenzie. The geology tour will focus on the fossils found in the building stones throughout Capitol Square.

Dale Gnidovec, Curator of Orton Geological Museum at the Ohio State University, writes a geology column for the Columbus Dispatch. Dr. McKenzie, Associate Professor of Geology at the Ohio State University, is a co-author of the guide book, Guide to the Building Stones of Downtown Columbus: A Walking Tour, by Ruth W. Melvin and Garry D. McKenzie, 1992/1997, ODNR, Columbus.

The tour is free, however, reservations are required. The tour will depart from the 3rd Street Information Desk. For more information or to reserve a space, contact Mike Rupert at mrupert@csrab.state.oh.us or 614/728-4185.

The Capitol Square Review and Advisory Board (CSRAB) is responsible for maintaining the historic character of the Statehouse and Capitol Square while providing for the health, safety and convenience of those who work in or visit the complex. The Statehouse Education & Visitors Center, a cooperative effort of CSRAB and the Ohio Historical Society, coordinates tours of Capitol Square and provides information about the buildings, their history and Ohio's government.

The Ohio Statehouse is open Monday through Friday from 7 a.m. until 6 p.m.; Saturday & Sunday 11 a.m. until 5 p.m. Free guided tours are offered Monday through Friday on the hour from 10 a.m. until 3 p.m., and on Saturday and Sunday from noon until 3 p.m. Tours depart from the 3rd Street Information Desk. Groups of 10 or more are requested to call in advance to assure a guide is available for your group. Contact Barr Hayden at 614/728-2695 for more information or to schedule a group tour. For more information about the Ohio Statehouse, visit www.ohiostatehouse.org.

To view this press release and others, visit www.ohiostatehouse.org.

Images are available upon request.

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Calendar Listing
Earth Science Week Fossil Tour
The Pulse of Earth Science!
October 19, 2007, 12 Noon
Ohio Statehouse Third Street Information Desk, Broad & High Streets; downtown Columbus
Free!

Join us for Earth Science Week and a Statehouse Fossil Tour--a Geology tour of the Statehouse. Ohio State University experts will discuss the "Building Stones of Capitol Square." For more information about Earth Science Week, visit www.earthsciweek.org.

OMYA Vermont Press Release
Proctor, Vermont

FOR IMMEDIATE RELEASE

Contact: Alice Blount
Omya Industries Inc.
(802) 770-7267 alice.blount@omya.com
Open House to take place on Oct. 13th at the Middlebury
Marble Quarry

PROCTOR, VT, September 25, 2007 - Celebrate Earth Science Week with a visit to Omya's Middlebury Quarry on Saturday, October 13, 2007. Explore the quarry through guided bus tours and enjoy earth science week activities for the whole family from 10:00 am – 4:00 pm. The bus tour features stops at three locations within the depths of the marble quarry. Visitors may get off at any, or all, stops for guided tours. Those with young children or with less time are welcome to stay on the bus for a ride through the quarry. Last tours into the quarry depart at 3:00 pm.

Many earth science activities can be enjoyed before or after your tour. Learn more about Vermont's geology through family activities including rock collecting, mineral testing and a weight-guessing contest. Artists of all ages can help create an earth science mural. Big trucks, drills, and mining equipment will be on display, and children can play in a pile of marble sand complete with toy trucks. Complimentary refreshments will be served throughout the day until 3:00 pm.

Omya's Middlebury Quarry is located just east of Rt. 7, three miles south of Middlebury village and one mile north of the Rt. 116 and Rt. 7 intersection (approx. 1/8 mile north of Foster Motors). Look for the signs and balloons indicating the turn on the day of the event. For more information about the Quarry Open House, contact Alice Blount at (802) 770-7267 or Jerilynn Valente at (802) 770-7217 during business hours, or go to www.omya-na.com and then click *NEWS*.

Oregon Department of Geology and Mineral Industries Press Release
Portland, Oregon

OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist

NEWS RELEASE: October 11, 2007

Oregon celebrates Earth Science Week October 14th to 20th

Portland, Oregon: Governor Ted Kulongoski has proclaimed October 14 - 20 Earth Science Week in Oregon, saying in the proclamation, "Geology and other earth sciences are fundamental to the health, safety and welfare of Oregonians and to the economy of Oregon. The earth sciences are integral to locating, developing, and conserving mineral, energy and water resources needed for Oregon's continuing prosperity."

Read the complete proclamation in the attached PDF or go online at:
<http://www.OregonGeology.com>

Earth Science Week in Oregon is sponsored by the Oregon Department of Geology and Mineral Industries (DOGAMI) and the Americal Geological Institute (AGI) and will promote public and professional awareness of the status of earth science in education and society.

"Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and relevance to our daily lives", notes Dr. Vicki S. McConnell, State Geologist. "Whether it's using cutting edge technology to understand how landslides can impact local communities or exploring the use of geothermal energy in Oregon, earth science is all around us."

To learn more about the 10th anniversary of Earth Science Week and AGI, go to: <http://www.earthsciweek.org/whatisesw/Index.html>

The Oregon Department of Geology and Mineral Industries is an independent agency of the State, and has a broad responsibility in developing a geologic understanding of natural hazards. We then make this information available to communities and individuals to help reduce the risks from earthquakes, tsunamis, landslides, floods and volcanic eruptions. We assist 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 and reclamation.

Learn more about Oregon's geology by going online at:
<http://www.OregonGeology.com>

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

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

Mineral Land Regulation
and Reclamation Program
229 Broadalbin Street, SW
Albany, OR 97321
(541) 967-2039,
Gary W. Lynch, Assistant Director

Baker City Field Office
1510 Campbell Street
Baker City, OR 97814
(541) 523-3133,
Mark L. Ferns, Regional Geologist

Coastal Field Office
313 SW 2nd Street, Suite D
Newport, OR 97365
(541) 574-6642,
Jonathan C. Allan, Coastal
Team Leader

Grants Pass Field Office
5375 Monument Drive
Grants Pass, OR 97526
(541) 476-2496,
Thomas J. Wiley, Regional Geologist

The Nature of the Northwest
Information Center
800 NE Oregon Street, Suite 177
Portland, OR 97232-2162
(503) 872-2750
Donald J. Haines, Manager
Internet: <http://www.NatureNW.org>



Pennsylvania Department of Conservation and Natural Resources Press Release

Harrisburg, Pennsylvania

 print  e-mail  link

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Pennsylvania DCNR Urges Celebration of Earth Science Week Oct. 14-20

HARRISBURG, Pa., Oct. 12 /PRNewswire-USNewswire/ -- Department of Conservation and Natural Resources Secretary Michael DiBerardinis today urged students, teachers and residents to observe Earth Science Week, which Governor Edward G. Rendell proclaimed for Oct. 14-20.

"Geology and other earth sciences are fundamental to the health, welfare and safety of Pennsylvanians and to the economy of the commonwealth," said DiBerardinis. "Earth sciences contribute critical elements to our understanding, appreciation of and respect for nature."

Earth sciences are the study of geologic features such as rocks, minerals and ground water, as well as atmospheric conditions. Pennsylvanians have turned to earth sciences to help understand and respond to earthquakes, landslides, sinkholes, droughts, floods and other natural events.

"The importance of earth sciences to Pennsylvanians is evident in the historic and modern importance of economic resources such as water, coal and natural gas, aggregate and concrete," DiBerardinis said. "The shape of the state's land surface and presence of floods, landslides, sinkholes and other geologic hazards also have shaped our history of settlement, transportation and development, and will continue to do so."

The secretary said recently-issued drought watches in many areas of the state have placed earth sciences in the spotlight.

"Drought shows us the importance of understanding the environment around us," DiBerardinis said. "Celebrating the study of earth sciences is an important step toward recognizing and conserving our precious natural resources."

Marking its 10th year with the theme "The Pulse of Earth Science," Earth Science Week is a national initiative with nearly 40 other states observing the week with activities. DCNR's Bureau of Topographic and Geologic Survey will be conducting and encouraging educational programs across the state, focusing on developing a new understanding of earth science and its impact on the state's economy and society.

National Earth Science Week is part of the American Geological Institute's yearly focus on geology and related subjects. Earth Science Week has become an international event with participants celebrating around the globe.

For more information on DCNR's Bureau of Topographic and Geologic Survey, call (717) 702-2017 or visit <http://www.dcnr.state.pa.us> (select "Geology"). To request an Earth Science Week information packet, or for more information on Earth Science Week, visit the Earth Science Week's Web site at <http://www.earthsciweek.org>.

Editor's Note: A copy of Governor Rendell's proclamation of Earth Science Week, Oct. 14-20, follows.

Smithsonian Polar Symposium Press Release
Washington, DC



Smithsonian Institution

January 2007

**Smithsonian at the Poles:
Contributions to International Polar Year Science**

The Smithsonian Institution announces a polar science symposium in early May 2007, as one of the inaugural U.S. contributions to celebrate the International Polar Year (IPY) 2007-2008. "Smithsonian at the Poles: Contributions to International Polar Year Science" is being convened by the Office of the Under Secretary for Science.

The symposium will present research findings by Smithsonian scholars and their collaborators from Arctic and Antarctic research, with particular attention to changes in polar systems past, present and future, and their global impact. The symposium will carry on a tradition of polar science that began nearly 150 years ago and resulted in some of the world's foremost collections and archives of Arctic and Antarctic materials.

The symposium is scheduled for May 3-4, at the Smithsonian's National Museum of Natural History and the Smithsonian Castle in Washington, D.C. The two-day event will feature an introductory plenary session followed by concurrent sessions of invited papers and panel discussions, evening public and keynote lectures, and tours of collections. The expected audience includes Smithsonian scholars and research staff, university-based scientists and students, program managers and representatives from federal agencies, congressional staff, news media and the general public.

More than 35 scholars will discuss their papers on the following six themes: polar astronomy; systematics and biology of polar organisms; environmental change and polar marine ecosystems; IPY histories and legacies; methods and techniques of under-ice research; and cultural studies. Sessions will feature disciplinary presentations from both the Arctic and Antarctica.

Speakers will include research leaders from the Smithsonian and their National Science Foundation-supported polar research partners. The Smithsonian speakers will represent the Institution's research units (Smithsonian Astrophysical Observatory, National Museum of Natural History, Smithsonian Environmental Research Center, National Zoological Park, National Air and Space Museum), Smithsonian Archives and the Office of the Under Secretary for Science. A special aim of the symposium is to network Smithsonian studies with other federal agencies during the International Polar Year.

Results will be disseminated to scholars and the public through publications, Web sites and the news media. Symposium papers will be published by Smithsonian Institution Scholarly Press as a proceedings volume, available in print by mid-2008.

For up-to-date symposium information, see www.si.edu/ipy.

Igor Krupnik, Michael Lang, Scott Miller
Symposium Co-Chairs

University of Texas at El Paso Horizons Online Press Release

El Paso, Texas



News Release

Dec. 17, 2007

Media contact: Laura Cruz Acosta
Writer, University Communications
The University of Texas at El Paso
915/747-5977 or 915/474-2356

Shell Oil Company Funds Support UTEP Engineering, Science and Business

The Shell Oil Company will present the University of Texas at El Paso with \$75,000 to support various programs in the Colleges of Engineering, Science and Business.

A ceremonial check presentation will be at 1:30 p.m. Wednesday, Dec. 19, at the Margaret and Peter de Wetter Center.

The gift will help fund the following initiatives for UTEP students:

\$36,500 for College of Engineering programs, including:

- Engineering design competitions to teach students how to work as a team to design, build, test and promote engineering concepts
- E-Week, an annual tradition that brings area youngsters to the college for tours of laboratories and engineering and science demonstrations
- Designing the Future Program, a yearlong lecture series designed to expose faculty, staff and students to the best contemporary thinking, innovation and practice
- Engineering Ambassador Program, which promotes the study of science and engineering at local high schools

\$19,500 for Geological Sciences programs, including:

- Earth Science Week, a geosciences educational outreach program for area students
- Pathways, a program to increase the number of students who study geosciences, particularly Hispanics
- The annual Geological Sciences Colloquium

\$19,000 for the College of Business Administration, including:

- Shell-sponsored trip for 10 business administration students to a Shell facility in Houston
- UNIV 1301 Lecture and Luncheon sponsored by Shell for about 300 entering freshmen that gives students an opportunity to discuss interesting aspects about the corporation

The donation continues Shell's support of the university's mission. Shell has donated close to \$450,000 to UTEP over the years.

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About Shell Oil Company

Shell Oil Company, including its consolidated companies and its share in equity companies, is one of America's leading oil and natural gas producers, natural gas marketers, gasoline marketers and petrochemical manufacturers. Shell, a leading oil and gas producer in the deepwater Gulf of Mexico, is a recognized pioneer in oil and gas exploration and production technology. Shell Oil Company is an affiliate of the Shell Group, a global group of energy and petrochemical companies, employing approximately 112,000 people and operating in more than 130 countries and territories.

About the University of Texas at El Paso

The University of Texas at El Paso is a major research university at the heart of the U.S.-Mexico border committed to the ideals of access and excellence. A leader among Hispanic-serving institutions, UTEP enrolls more than 20,000 students and is the only doctoral research university in the nation with a student body that is a majority Mexican American. UTEP's growing research portfolio boasts nearly \$46 million in research spending in a variety of areas, including border security, emerging technologies, Hispanic health, environmental and Earth science, borderland arts and humanities, and the education of U.S. Hispanics.

USGS Menlo Park Press Release

Menlo Park, California



U.S. Geological Survey

1250 students celebrate Earth Science Week at USGS

Released: 10/17/2007 7:27:58 AM

Contact Information:

U.S. Department of the Interior, U.S. Geological Survey
Office of Communication
119 National Center
Reston, VA 20192

Leslie C. Gordon

Phone: 650-329-4006

Christy Ryan

Phone: 650-329-4356

In celebration of *Earth Science Week*, approximately 1250 students from more than 44 local schools and home schools are signed up to visit the U.S. Geological Survey (USGS) in Menlo Park on Tuesday, Oct. 16, from 9:30 a.m. - 2:00 p.m., to meet with scientists for hands-on activities, workshops, and demonstrations.

blank_page

Students will discover Topo Salad Trays, and the Lean, Mean Landslide Machine. 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, Yellowstone, and Kilauea, learn about tsunamis (When the World Waves Back), make their own earthquakes, and much more. View the full list of exhibits (<http://geomaps.wr.usgs.gov/EarthScienceWeek/exhibits.html>).

Related Podcasts

Earth Science Week podcast extravaganza!

(<http://www.usgs.gov/corecast/?tag=EarthScienceWeek>)

(<http://feeds.feedburner.com/CorecastChannel-USgs>)

(<http://phobos.apple.com/WebObjects/MZStore.woa/wa/viewPodcast?id=261623315>)

or you can subscribe by e-mail (corecast/default.asp#misc).

In addition to USGS exhibits, our partners the California Geological Survey, the San Francisco Zoo, the American Red Cross, PG&E, and the California Academy of Sciences will be in Menlo Park with their own activities and displays. While the focus is on the students, teachers will not go home empty-handed. A special table with classroom resources is part of the day's event.

Earth Science Week is celebrated this year Oct. 14-20. "The Pulse of Earth Science" was selected as the theme of Earth Science Week 2007 to promote public and profession awareness of the status of earth science in education and society.

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. Read more information about USGS *Earth Science Week* activities (<http://www.usgs.gov/esw>) and information about the *Earth Science Week* national celebration (<http://www.earthsciweek.org/>).

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

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

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

USGS Corecast Press Release

Reston, Virginia



U.S. Geological Survey

Celebrate Earth Science Week with CoreCast, the New USGS Podcast

Released: 10/11/2007 11:11:32 AM

Contact Information:

U.S. Department of the Interior, U.S. Geological
Survey
Office of Communication
119 National Center
Reston, VA 20192

Clarice Nassif Ransom

Phone: 703-648-4299

Reston, VA - Earth Science Week 2007 is Oct. 14-19, and to celebrate, the U.S. Geological Survey (USGS) is offering special episodes of its recently launched podcast, called CoreCast. During that week, listen to CoreCast audio interviews with USGS scientists on climate change, geologic mapping, research in Antarctica and more.

"These podcasts are a chance for the public and the media to connect with USGS science," said USGS Director of Communications and Outreach Barbara Wainman. "They offer excellent background material, and great quotes and soundbites. In fact, Episode 8 of CoreCast, released Oct. 10, offers listeners the chance to submit science questions to be answered in a future episode. Get yours in soon!"

CoreCasts, which can be subscribed to and automatically downloaded to computers and portable media players (such as an iPod®), offer engaging, friendly and easy-to-understand science information in the form of interviews with USGS scientists and other reports and narrations on USGS science that can be listened to whenever convenient.

Earth Science Week, organized by the American Geological Institute, is a chance for the public to gain a better understanding and appreciation for the earth sciences and to encourage stewardship of the Earth.

This year marks the 10th anniversary of Earth Science Week, and this year's theme, "The Pulse of Earth Science," promotes awareness of the status of earth science in education and society. The USGS is a major sponsor of and contributor to this event-learn more at www.usgs.gov/esw (<http://www.usgs.gov/esw>).

There are several episodes of CoreCast already available on topics including earthquakes, hurricanes and other natural hazards; climate change; sex-changing fish; polar bear research; and more.

To listen and learn more, visit <http://www.usgs.gov/corecast> (<http://www.usgs.gov/corecast>).

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

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

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

U.S. Department of the Interior | U.S. Geological Survey
URL: <http://www.usgs.gov/newsroom/article.asp?ID=1801>
Page Contact Information: [Ask USGS](#)
Page Last Modified: 10/12/2007 12:45:16 PM

Connecticut Science Connection Newsletter
Middletown, Connecticut

CONNECTICUT SCIENCE CONNECTION

SEPTEMBER 4, 2007 ISSUE

THE CONNECTICUT BUILDING A PRESENCE FOR SCIENCE NETWORK IS SUSTAINED THROUGH A GRANT FROM BRISTOL-MYERS SQUIBB AND THE ADVOCACY OF THE CONNECTICUT ACADEMY FOR EDUCATION

AGI ANNOUNCES CONTEST THEMES FOR EARTH SCIENCE WEEK 2007: Contact: Geoff Camphire gac@agiweb.org Alexandria, VA - The American Geological Institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2007, October 14-20 - "The Pulse of Earth Science." All U.S. residents are encouraged to enter "People Discovering Earth's Treasures" - this year's Earth Science Week photography contest. Submissions should depict an aspect of earth science as it appears in your community. Learn to look at your surroundings through a geoscientist's eyes and photograph what you discover.

Students in grades K - 5 are eligible to enter the visual arts contest, "Changing Earth." Submissions should illustrate how geologic processes are constantly changing Earth's landscape. Draw a picture, make a collage, or create another piece of two-dimensional artwork that highlights the continuous change on our planet.

The essay contest "Earth Science in My Community" is open to students in grades 6-9. Entries should be short essays of no more than 300 words explaining a unique geologic aspect of their community, discuss current earth science research in their geographic area, or indicate why it is important to study the geology of your town. For more information on these contests including information on how to enter, please go to <http://www.earthsciweek.org/>.

In support of **Earth Science Week 2007 (October 14-20)**, the American Geological Institute (AGI) is publishing its "The Pulse of Earth Science" Toolkit. **The Toolkit can be pre-ordered now. Shipping will begin in early August.** Individual kits are available for the cost of shipping and handling (\$6.95 in the United States). Bulk pricing is available. Visit <http://www.earthsciweek.org/materials/index.html>

Geonews: Newsletter of the Association of Environmental and Engineering Geologists and American Institute of Professional Geologists, Carolinas Section Winston-Salem, North Carolina

EDUCATION CORNER:

EARTH CACHING – A GREAT WAY TO EXPLORE EARTH SCIENCE

Press Release - AGI

As summer approaches, many teachers and students look for ways to continue their geoscience research where they can enjoy the weather - outdoors. EarthCaching, which blends recreation and education, offers an exciting, new option. EarthCaching is a variation of geocaching. A geocache organizer posts latitude and longitude coordinates on the Internet to advertise a "cache," a scavenger-hunt destination, which geocachers locate by using GPS devices. Today, 270,000 caches are active in more than 200 countries, according to Geocaching.com. Over one million people participate.

EarthCachers recently have added an educational dimension to the activity. When you visit an EarthCache, you learn something special about Earth science, the geology of the location, or how the Earth's resources and environment are managed there. EarthCaching has been developed by the Geological Society of America - a major Earth Science Week partner - in association with Groundspeak, Inc., and the geocaching community. To learn more about EarthCaching, visit <http://www.earthcache.org/> online.

The American Geological Institute is a nonprofit federation of 44 geoscientific and professional associations (including AEG) that represents more than 120,000 geologists, geophysicists, and other earth scientists.

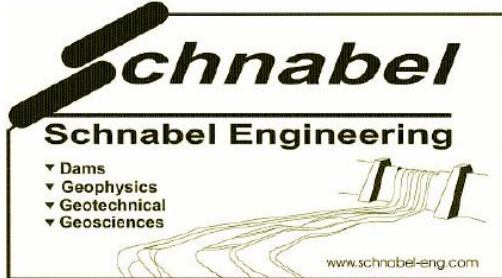
"FACES OF EARTH" ON THE SCIENCE CHANNEL JULY 23

Press Release - AGI

Many of you have heard of the effort being made to promote geoscience to the masses. We are about to enjoy one of the biggest contributions to this effort! Set your TiVO or VCR on July 23rd and let everyone know about this exciting event!

Production on the high-definition television series "Faces of Earth" is complete with the first episode of a four part series, "Assembling America," premiering Monday, July 23 at 9 PM (ET/PT) on The Science Channel. We follow along as the scientists use high technology and high adventure to see the world like we have never seen it before, and to understand how humans are both a force of nature and a product of our world. From the formation of the planet to the emergence of life, and the dynamic internal and external processes that have shaped our world and culture, "Faces of Earth" brings Earth to life. <http://www.facesofearth.tv>.

For more information, contact Christopher Keane at keane@agiweb.org.



11 A Oak Branch Drive ▼ Greensboro, NC 27407 ▼ 336.274.9456

GeoNews- Page 14

News of the Profession

Summer 2007

AGI REQUESTS MATERIAL FOR EARTH SCIENCE WEEK

AGI is currently planning the new Earth Science Week Toolkit. Does your organization have something to contribute? This year, we plan to distribute more than 15,000 Toolkits to K-12 science teachers, university geoscience departments, related corporations and other organizations across the country and around the world.

If your organization would like to contribute materials, please contact Geoff Camphire, AGI Earth Science Week Manager, at gac@agiweb.org or 703-575-8815.

What can we provide to help you do your job? What Earth Science Week materials do you find most useful? Take one minute to fill out the survey at <http://www.earthsciweek.org/materials/survey.html> and let us know specifically what you found useful in last year's print and electronic resources. By taking the survey, you'll enter to win a free Earth Science Week 2007 Toolkit.

AEG 50TH ANNIVERSARY CELEBRATION – "GOLDEN ANNIVERSARY IN THE GOLDEN STATE"

Be sure to join AEG for our 50th Anniversary Celebration at the AEG-2007 Annual Meeting "Golden Anniversary in the Golden State" in Los Angeles, CA, September 24 - 29, 2007. In the plans are a wide selection of technical sessions, events, and field trips, including the Geology of Catalina Island and the San Andreas Fault, Geology of Palos Verdes Peninsula, and the Geology of the Wine Country of Santa Barbara. The flyer and registration forms are reprinted in this newsletter just before the last page. Sponsors for meetings, breaks and events are always welcome. Represent our section by your sponsorship – contact Rick Kolb at rakolb@MACTEC.com or Jane Gill-Shaler at janehgill@stanfordalumni.org.



The Weekly News

October 15, 2007

THE HEAD'S PERSPECTIVE



Earth Science Week "The Pulse of Earth Science" October 14-20, 2007

This year marks the tenth annual Earth Science Week (<http://www.earthsciweek.org/>). This year's theme is "The Pulse of Earth Science." With this theme, Earth Science Week activities will promote public and professional awareness of the status of Earth science in education and society. The theme will also focus attention on geoscience research, such as that associated with the International Polar Year (IPY, <http://www.ipy.org/>) and the International Year of Planet Earth (IYPE, <http://www.esfs.org/>). Through these major initiatives Earth Science Week will help spread understanding of the impact the Earth sciences have on society. Educational activities, especially for K-12 teachers, are available at: <http://www.earthsciweek.org/forteachers/classroomactivities.html>. I encourage you to be involved in Earth science activities throughout the year.

Purdue Re-elected to UCAR Membership

The University Corporation for Atmospheric Research (UCAR) member institutions met in Boulder Colorado on October 9-10 to conduct the business of the corporation at its annual meeting. Among the many highlights was Purdue's re-election to another eight-year term of membership in UCAR. UCAR was founded in 1960 and Purdue became a member in 1971. One of UCAR's primary missions continues to be the management of the National Center for Atmospheric Research (NCAR) under sponsorship of the National Science Foundation. Purdue representatives attending the meeting were Administrative Representative, Jon Harbor (substituting for Dean Jeffrey Vitter) and Scientific Representative, Ernie Agee.

Prof. Joe Francisco Presents the McCoy Distinguished Lecture

Congratulations again to Prof. Francisco on receiving the Herbert Newby McCoy Award. Prof. Francisco presented the McCoy Distinguished Lecture last week in Fowler Hall. His very interesting talk was entitled "From Earth's Atmosphere to Planetary Engineering of Mars: Adventures in Chemistry" and was well attended by faculty and students.

The Science Educator – Virginia Association of Science Teachers (VAST)
Charlottesville, Virginia



<http://www.VAST.org>
Check the web for news, conference
updates and registration, and forms.

The Science Educator

Late Summer 2007 A publication of VAST, The Virginia Association of Science Teachers Vol. 56, No.1

Resources for Teachers:

AGI ANNOUNCES CONTEST THEMES FOR EARTH SCIENCE WEEK 2007

Contact: Geoff Camphire gac@agiweb.org

Alexandria, VA The American Geological Institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2007 - The Pulse of Earth Science.

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The essay contest **Earth Science in My Community** is open to students in grades 6-9. Entries should be short essays of no more than 300 words explaining a unique geologic aspect

of their community, discuss current earth science research in their geographic area, or indicate why it is important to study the geology of your town.

Earth Science week is organized annually by AGI with support from a number of other geosciences organizations, including the U.S. Geological Survey and the American Association of Petroleum Geologists Foundation (AAPGF). To learn more about how to celebrate our understanding of the planet and for more information on these contests please go to <http://www.earthsciweek.org/>.

The **American Geological Institute** is a nonprofit federation of 44 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources and interaction with the environment.

Triangle Coalition Electronic Bulletin (November 8, 2007) Washington, DC




Triangle Coalition for Science and Technology Education

Collaborating For Better Education

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Triangle Coalition
for Science and
Technology Education
1840 Wilson Boulevard
Suite 201
Arlington, VA 22201
703-516-5960
800-582-0115
Fax: 703-516-5969



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TCEB

TRIANGLE COALITION ELECTRONIC BULLETIN

November 8, 2007 - VOL. 13, NO. 43

THIS WEEK'S TOPICS:

- ▶ [Sponsor Info](#)
- [SACRAMENTO SCHOOLS RECEIVE NATIONAL EDUCATION DESIGNATION](#)
- [ELEVEN-YEAR-OLD IS "AMERICA'S TOP YOUNG SCIENTIST"](#)
- [FEDERAL STUDENT AID SHOWS SLOW GROWTH; PUBLISHED TUITION PRICES INCREASE](#)
- [MUSEUM OF SCIENCE, BOSTON AND TUFTS UNIVERSITY LAUNCH HANDS-ON MIDDLE SCHOOL MATH CURRICULUM](#)
- [ACADEMIC COMPETITIVENESS AND NATIONAL SMART GRANTS DATA RESULTS](#)
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- [CONFERENCE CALENDAR](#)

▶ TAKING THE "PULSE" OF EARTH SCIENCE EDUCATION

"The Pulse of Earth Science" was not only the theme of Earth Science Week 2007, but also is the name of the American Geological Institute's (AGI) [website](#) that tracks Earth science education nationwide. The site offers detailed, up-to-date information on the status of geoscience education in every state, as well as guidance for advocates. For each state, AGI provides the most recent available data on:



- ▶ teacher certification requirements and numbers teaching related subjects;
- ▶ relevant courses that middle and high school students must take;
- ▶ K-12 enrollment levels in Earth science and related subjects;
- ▶ coverage of Earth science within state science standards;
- ▶ state assessment of students in Earth science;
- ▶ textbooks adopted and relevance of relevance to Earth science;
- and
- ▶ contact information for state education agencies.

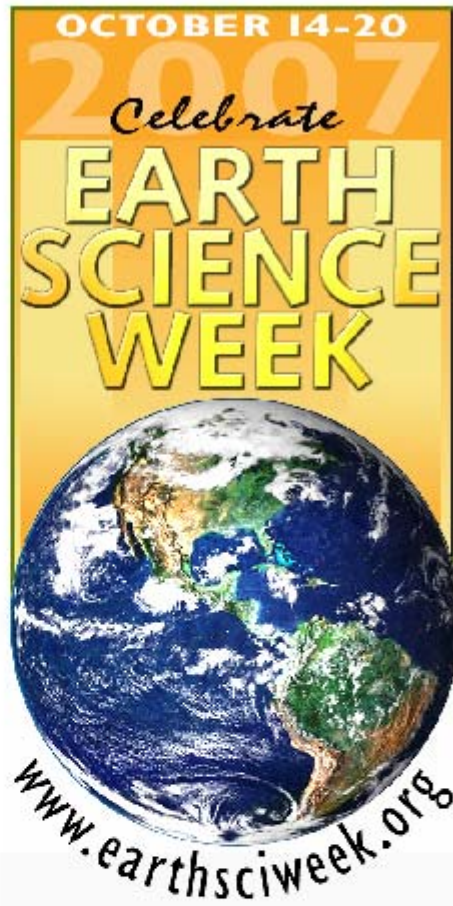
The website features findings that many are likely to find surprising. While every state but Iowa includes Earth science in education standards, this priority seldom carries through to curriculum requirements or high school exit exams, for example. Only about one in five states offers Earth science as an elective within overall science requirements, and North Carolina is the only state requiring an Earth science course for graduation. "The Pulse of Earth Science" Advocacy Guide, includes recommendations for taking action within state and local school systems. Ideas are provided for partnerships with other Earth science supporters, suggestions for contacting decision-makers, and tips to ensure that your students get the Earth science education they deserve. Triangle Coalition member, the American Geological Institute, is a nonprofit federation of [44 geoscientific and professional associations](#) that represents more than 100,000 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 society's use of resources and interaction with the environment. Find out more at www.agiweb.org.

Alaska Geological Society Event Flier
Anchorage, Alaska

**Learn about mining
in a hands-on
activity for youth
in grades K-4.**

Jana DaSilva Lage
(Fugro Pelagos),
Community Education
Chair for the Alaska
Geological Society,
will guide participants as
they buy, prospect, mine
and reclaim their land.

Join in the fun and take
home some surprises!



Friday, October 19, 11:00am – 12:00pm
Muldoon Branch Library (343-4032)
Muldoon Mall, 1251 Muldoon Rd.



Anchorage Public Library
www.anchoragelibrary.org

Anchorage Public Library Events Calendar

Anchorage, Alaska



YOUTH SERVICES PROGRAMS



Join the Dancing for Hispanic Heritage Month

Anchorage Public Library welcomes the popular Xochiquetzal-Tiquin to mark Hispanic Heritage Month. The art and culture group will demonstrate Aztec pre-hispanic steps and dances from Baja California, Sinaloa, Guerrero, Veracruz and Jalisco. Wilda Marston Theatre, Loussac, level 1
Saturday, Oct. 20, 3-5pm



Celebrate National Magic Week @ Loussac

Attend a Magic Show @ your library! Alaska Magic Circle and the Alaska Magic Kids present: "Reading Is Magic." Astounding close-up magic in the lobby from 6:30-7pm, with local magicians performing on stage from 7-8pm, featuring Don Russell.

Wilda Marston Theatre, Loussac, level 1
Monday, October 22, 7pm

Magic @ the Girdwood Branch

Don Russell presents "Reading Is Magic." He delights & amazes with his magic! Halloween costumes are optional. Scott & Wesley Gerrish Branch Library
Wednesday, October 24 - 6:30pm



Teens!
They
Only
Come Out
at Night!

Beware! The Alaskan nights are getting longer. What's lurking in the shadows? Venture out, if you dare, to Loussac to create a Gock—your own super-bad sock puppet—to protect you from the nighttime nasties creeping in the dark. All you need is your sense of humor, imagination and creativity. Socks and puppet making supplies will be provided. **This program is for teens only.**

Staff Conference Room, Loussac, level 4
Wednesday, Oct. 17, 6:30pm



Earth Science Week @ Muldoon!

Learn about mining by participating in a hands-on activity suitable for youth in grades K-4. Jana DaSilva

Lage (Fugro Pelagos), Community Education Chair for the Alaska Geological Society, will guide participants as they buy, prospect, mine and reclaim land. Lots of surprises!
Muldoon Branch Library
Friday, Oct. 19, 11am

SCIENCE IN THE LIBRARY

@ the Chugiak-Eagle River Branch
Fun child/adult learning experience featuring theme-centered activities.

Fossils

Tuesday, Oct. 9
12:30-2pm



Dinosaurs

Tuesday, Oct. 23
12:30-2pm



Spooky Kid Fun!!

Join us for not-so-spooky Halloween stories and a ghastly craft! Children must be accompanied by an adult. Samson-Diamond Library
Wednesday, Oct. 24, 2:30-3PM



PRESCHOOL PROGRAM SCHEDULE SEPTEMBER 4—DECEMBER 15

Mother Goose

20 minutes of nursery rhymes, songs and fingerplays for infants, birth-18 months and their caregivers.

Loussac Public Library

Thursdays, 10:30am

Fridays, 2:30pm

Lapsit

20 minutes of short stories, songs and lots of repetition for children 3 & under and their caregivers.

Loussac Public Library

Tuesdays, 10:30am & 11:30am

Wednesdays, 10:30am

Thursdays, 7pm

Fridays, 10:30am

Chugiak-Eagle River Branch Library

Fridays, 10:15am

Scott & Wesley Gerrish Branch Library

Saturdays, 11am

Preschool Storytime

A half hour of stories, fingerplays & songs for children 3-5 and their caregivers.

Loussac Public Library

Thursdays, 11:30am

Fridays, 11:30am

Chugiak-Eagle River Branch Library

Fridays, 11:15am & 1:15pm

Scott & Wesley Gerrish Branch Library

Fridays, 11am

Family Storytime

A half hour of books, songs & rhymes for children 5 & under and their caregivers.

Muldoon Branch Library

Wednesdays, 10:30am

Samson-Diamond Branch Library

Fridays, 11am

Tell Me A Story

Hey Kids Grades K-2! Want to listen to some new, old, silly, and exciting books? In each session we share favorite books and a short video. The fun lasts about 45 minutes. Children under 8 must be accompanied by an adult.

Loussac, Story Theater, level 2

Saturday, Oct. 13 & 27, 2pm

Arkansas Geological Survey Activity Flier

Little Rock, Arkansas

Earth Science Week October 14 – 20

Celebrate Earth Science week with the Arkansas Geological Survey and University of Arkansas Geology Department by stopping by our booths at the UALR student center Monday through Friday.

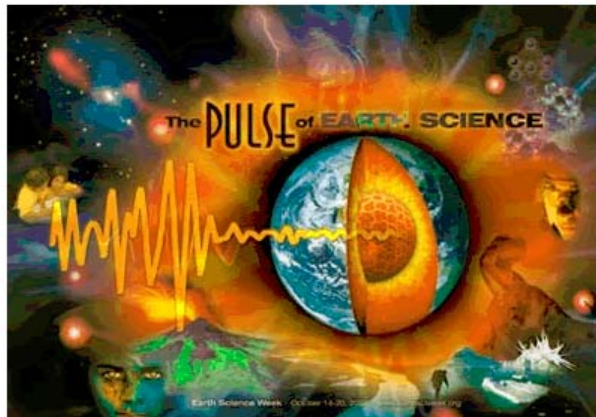
2007 Theme

"The Pulse of Earth Science" was selected as the theme of Earth Science Week 2007 to promote public and profession awareness of the status of earth science in education and society.

Pick up the Earth Science Toolkit at our booth! Or contact one of our geologists to speak at your classroom!

The 2007 Earth Science Week Toolkit includes:

- A 12-month school-year activity calendar, suitable for hanging
- A new Earth Science Week poster, including an activity
- A NASA "Exploring Ice" CD-ROM
- A NASA "Earth and Space Explorers Series" poster
- An ESRI "GIS Solutions for Education" CD
- A "Volcanoes of the National Parks" poster from the National Park Service
- A NOAA "Student Opportunities and Careers" flyer
- And much, much more!



Brookhaven College: North Texas Earth Science Fair Dallas, Texas



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Ellison Miles Geotechnology Institute

Building H, Room H114
E-mail: bhcEMGI@dcccd.edu
972-860-4630

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Instructional Areas » Ellison Miles Geotechnology Institute » Geobusiness Industry and Non-Specialty Events » **North Texas Earth Science Fair**

North Texas Earth Science Fair

Oct. 13-14, 10 a.m.-5 p.m.
Building H

You are invited to the North Texas Earth Science Fair.

Free Admission and Free Parking

- Fossils
- Crystals
- Door Prizes
- GeoCaching/High Tech Treasure Hunting
- Flint Knapping
- Videos
- Rocks, Minerals and Fossil
- Treasure Seekers
- Art Club
- Free Arrowhead to Scouts in Uniform
- Dallas Zoo's Nature Exchange
- Dealers and Vendors Identification Booths, Demos, Local Clubs

Fun for All Ages

Everyone welcome - children, adults, Scouts in uniform, teachers and students!

Dallas County Community College District | **Brookhaven College** | **A-Z Index** | **Accreditation Statement**
Comments/questions about this site, e-mail the Brookhaven College **Marketing and Public Information Office** or call 972-860-4700.
To leave feedback, click [here](#).
Brookhaven College main campus: 3939 Valley View Lane, Farmers Branch, Dallas, TX 75244-4997 | Telephone: 972-860-4700
Page modified Aug. 9, 2007.

Cleveland Museum of Natural History Earth Science Evening Announcement Cleveland, Ohio

**Cleveland Museum of
NATURAL HISTORY**

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Earth Science Evening
Earth Science Evening
Friday, October 19, 2007
Exhibits open at 5:30 pm
Lecture is at 7:30 pm
Sponsored by the Cleveland Geological Society in celebration of National Earth Science Week
See special exhibits by geologists and other experts in the fields of Earth science and paleontology. Among those present will be the Gold Prospectors Association of America, the Museum's Micromineral Society, Case Western Reserve University's Geology Club, the CWRU Geology Department (for questions about careers in geology) and the Museum Invertebrate Paleontology, Mineralogy, Paleobotany and Vertebrate Paleontology departments.
There will also be tours of the Museum's seismic lab. A number of experts will be available to identify your rocks, minerals and fossils. Then attend Dr. Anne Sheehan's Explorer Series presentation, *Seeing Beneath Mount Everest: Probing a Breeding Ground of Destructive Earthquakes*, sponsored by IRIS/SSA and the Museum.
The evening's activities are included in the Explorer Series ticket price:
Members: adults \$8; students and seniors \$7
Nonmembers: adults \$10; students and seniors \$9
Please call (216) 231-1177 or 800-317-9155, ext. 3279, or purchase at the door.
The Blue Planet Cafe will be open from 5:30 to 7:30 pm.
Exhibitors
CMNH Departments & Divisions
Archaeology Department
Astronomy Department
Invertebrate Paleontology Department
Mineralogy Department
Paleobotany Department
Seismic Observatory will be open for tours
Specimen ID table in the lobby staffed by Education Division and Mineralogy Department
CMNH Education Division – Stacey Heffernan will be at a table with information about the Future Scientists (for high school students), the Student Naturalists (for middle/junior high school students), and earth science/geology-related youth programs
CMNH Associated Societies
Cleveland Geological Society
Micromineral Society
Other organizations
Case Western Reserve University Department of Geological Sciences
CWRU student geology club
Cleveland Astronomical Society
Cleveland Grotto
Cleveland Solar and Wind
Cuyahoga County Soil and Water Conservation District
Cuyahoga County Solid Waste District
Dovetail Solar and Wind
Environment Ohio
Gold Prospectors Association of America
Green Energy Ohio

**EARTH SCIENCE EVENING**

Colburn Earth Science Museum
Asheville, North Carolina



Colburn Earth Science Museum
Astronomy ♦ Gemology ♦ Geology ♦ Meteorology ♦ Mineralogy ♦ Oceanography ♦ Paleontology

Eyes on the Earth



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*Free Mineral
Identification every
Wednesday from 3:00 -
4:00 p.m.*

**What's New At the Colburn
Kids' Page**

*This page is updated regularly
often!*



**Celebrate Earth
Science Week at the
Colburn!**
Tuesday, October 15 -
Friday, October 19

*The Colburn is proud
to join the American
Geological Institute for
the 10th Annual
National Earth Science
Week. Stop by the
Museum this week and
discover:*

***Free Admission
from 3:00 - 5:00*
*Walk In Guided
Tours at 3:30*
*Free Kids'
Activities All Day*
*Free Minerals For
Everyone!***

**Parent
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Earth Science Week Facebook Group

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Group Info

Name: Earth Science Week

Type: Organizations - Non-Profit Organizations

Description: 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.

Earth Science Week aims 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.

The American Geological Institute is a nonprofit federation of 44 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists, and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources and interaction with the environment.

Contact Info

Email: info@earthsciweek.org

Website: http://www.earthsciweek.org



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**Geoscience Australia and the National Geographic Channel (Australia) Geologi
Short Film Competition Announcement**
Canberra, Australia



Australian Government
Geoscience Australia



Geologi short film

COMPETITION 2007

Geoscience Australia and the National Geographic Channel invite Australian secondary school students to participate in a short film competition with an “Earth Science” theme.

The Earth Science theme or message should be conveyed through a documentary style film. Exciting and diverse use of visuals and sound is encouraged. The film may use, but is not limited to, live action/interviews/graphics/animation/clay modelling.

POSSIBLE THEMES

- Earth Science in our lives
- Energy from the earth
- Minerals and the earth’s composition
- Natural hazards (eg tsunami, landslides, earthquakes)
- Marine geoscience
- Local geoscience
- People in geoscience
- Another theme of your own choice

Students may also choose to incorporate themes from international earth science celebrations: 2007 International Polar Year (www.ipy.org) and International Year of Planet Earth (www.esfs.org/downloads.htm).

Films should be suitable for children, parents and teachers to view.

This competition is open to all Australian secondary school students. There are two categories: Year 7–10 (three minute film) and Year 11/12 (five minute film).

Registration is required by Tuesday 31 July 2007.
Competition entries must be received by Friday 31 August 2007.

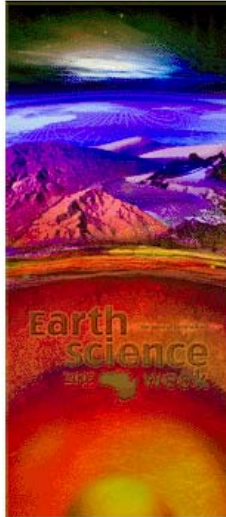
Geoscience Australia Earth Science Week Website

<http://www.ga.gov.au/about/event/eswhome.jsp>

Updated: 07 August 2007

Earth Science Week celebrations

Earth Science Week 14-20 October 2007



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 **14-20 October** and the theme is "the Pulse of Earth Science". It aims to promote public and professional awareness of the status of earth science in education and society. This year will also mark the tenth annual Earth Science Week. The theme is "the pulse of earth science" and will promote public and professional awareness of earth science in education and society. 2007 also marks the start of International Year of Planet Earth and International Polar Year, providing many opportunities to celebrate geoscience.

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

Geologi Short Film Competition

Geoscience Australia and the National Geographic Channel invite Australian secondary school students to participate in Earth Science Week 2007 by producing a short film with an "Earth Science" theme and entering the [Geologi Short Film competition \[PDF_169.87KB\]](#).

The winning entry will be showcased on the National Geographic Channel website. Prizes include a GPS (Global Positioning System), mineral specimens, DVDs and books.

Registration is required by Tuesday 31 July 2007

Competition entries must be received by Friday 31 August 2007

- . [Find out more about International Earth Science Week Celebrations](#)
- . [Getting started: ideas and themes to celebrate Earth Science Week](#)
- . [Submit your 2007 activities here \[PDF_210.41KB\]](#)
- . [View 2007 Earth Science Week activities](#)
- . [Earth Science Noticeboard](#)
- . [View The American Geological Institute's activities](#)

For more information, please contact [Fiona Wright](#).

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GSA Earth Science Week Website

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

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K-12 TEACHER RESOURCES	TEACHER ADVOCATE PROGRAM	TEACHER & STUDENT OPPORTUNITIES
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READING LIST	OEST AWARD	EARTH SCIENCE WEEK
WHY SHOULD I GET INVOLVED?	RECOMMENDED READING	TIPS
	USEFUL WEB SITES	ACTIVITY IDEAS

Earth Science Week

October 14-20, 2007

"The Pulse of Earth Science "

This year marks the tenth annual Earth Science Week. With this theme, Earth Science Week activities will promote public and professional awareness of the status of earth science in education and society. The theme will also focus attention on geoscience research, such as that associated with the [International Polar Year \(IPY\)](#) and the [International Year of Planet Earth \(IYPE\)](#). Through these major initiatives, Earth Science Week will help spread understanding of the impact the earth sciences have on society.



Earth Science Week begins again this year with [International EarthCache™ Day](#) on Sunday, 14 October 2007. Whether you're a teacher, a student, or just someone who enjoys experiencing Earth science firsthand, EarthCaching provides a great way to kick off the celebration.

EarthCaching is a variation of a recreational activity known as geocaching. Typically, a geocache organizer posts latitude and longitude coordinates on the Internet to advertise a "cache," or scavenger-hunt destination, which geocachers locate by using GPS devices. Today, more than 270,000 caches are active in over 200 countries, according to Geocaching.com. The activity has attracted over one million participants worldwide.

EarthCachers recently have added an educational dimension to the activity. When you visit an EarthCache site, you learn something special about Earth science, the geology of the location, or how the Earth's resources and environment are managed there. EarthCaching has been developed by The Geological Society of America™ — a major Earth Science Week partner — in association with Groundspeak, Inc., and the geocaching community.

You are invited to visit or establish an EarthCache site in your area on the second annual [International EarthCache Day](#), 14 October. To learn more, visit www.earthcache.org/.

Find more ideas at the official [Earth Science Week](#) Web site.

Pre-order your 2007 Earth Science Week Toolkit! Now Available! Click [here](#) for ordering information.

What is Earth Science Week?

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

Read the [message](#) from President Clinton (2000) encouraging all Americans to participate in Earth Science Week activities. The promotion of Earth Science Week is one of the 50th anniversary initiatives of the American Geological Institute (AGI), of which GSA is a member.

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

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Intute: Science, Engineering and Technology Blog

<http://www.intute.ac.uk/sciences/blog/2007/10/12/earth-science-week-usa/>

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Earth Science Week (USA)

Posted by Jane Podmore at 4:16 pm

The American Geological Institute organises 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. This year's [Earth Science Week](#) will be held from October 14-20 and will celebrate the theme The Pulse of Earth Science." For those into Facebook there is a group you can join to find out what's happening.



For related resources see Intute : [Earth Sciences](#).

This entry was posted on Friday, October 12th, 2007 at 4:16 pm and is filed under [Events](#), [General sciences](#). You can follow any responses to this entry through the [RSS 2.0](#) feed. Both comments and pings are currently closed.

About this blog

News, updates and links from the editors who produce Intute: Science, Engineering and Technology

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IYPE Earth Science Week Announcement

<http://yearofplanetearth.org/index.html>



Earth Science Week

(www.earthsciweek.org) emerged a decade ago to point up the importance of Earth science. Today the celebration, hosted by the American Geological Institute (www.agiweb.org), annually reaches millions of people across the United States and around the world. Information, activities and resources promote awareness about Earth science and stewardship of the planet.

In 2007, Earth Science Week, taking place October 14-20, coincides with numerous related efforts, including the start of International Year of Planet Earth, International Polar Year, International Heliophysical Year, and International Electronic Geophysical Year. These efforts emphasize the spirit of global cooperation (www.earthsciweek.org/themebasedresources) that permeates the geoscience community.

Earth Science Week, which is celebrated in the second full week of each calendar year, is undertaking a major initiative to promote awareness of the status of Earth science education. AGI is launching a Web site called 'The Pulse of Earth Science' (www.agiweb.org/geoeducation) to track the status of elementary-, middle-, and high school-level Earth science education in every state of the United States. The site also will feature a guide to empower educators, geoscience professionals, and concerned citizens to advocate for high-quality Earth science education in their schools.

In addition, Earth Science Week is promoting the debut of AGI's four-part television miniseries, *Faces of Earth*. The series, which explores the natural history of the planet, aired on The Science Channel from July through September 2007. This educational resource is now available as a two-disk DVD set from AGI Publications (www.agiweb.org/pubs). To learn more, visit *Faces of Earth* online (www.facesofearth.tv).

Supporters of the International Year of Planet Earth understand that it has perhaps never been more important for young people to master the core knowledge and skills of Earth science. At a time when climate change, energy consumption and natural hazards rank among the public's top concerns, all the world's citizens must have a basic understanding of Earth science. Thank you for taking an active part in Earth Science Week!

\

Kat's Live Journal

The Semester is OVER!!!!

ADVERTISEMENT

The Semester is OVER!!!!

pitkat: 12/10/07 04:19 pm

Ah, it ended with the final tapping of my fingers to the key board, sending away my last paper I will ever have to write for a class again ... well, hopefully.



You too can learn about diversity!

Promoting Diversity in Geoscience **Kathleen McFadden, Department of Geosciences,** **Virginia Tech**



Introduction

As any scientist immersed in the daily rigors of our scholarship, it is easy to miss the atmosphere in which we work. Geoscience is one of the few professions that carry significant impact in our root understanding of environmental change, particularly with regard to global warming and pollution, as well as resource availability in terms of water quality, urban land use, and petroleum and mining exploration. However, geology is consistently one of lowest enrolled majors in the sciences. It is estimated that over the next 10 years some 20-25% of the geoscience workforce will retire, and there is a justifiable concern that the number of geoscience majors will not be enough to replace the retired stock in both university and industry because the demand for geoscience specialists will only continue to increase in the near future (Nelson, 2007).

Industry has already recognized this growing issue, and companies have made recently attempts to actively recruit students and faculty from universities in order to replenish its diminishing geoscience population. This year, the Department of Geosciences at Virginia Tech has seen its fair share of eleven major oil and mining firms, including Exxon, Chevron, ConocoPhillips and Schlumberger. Of these visits, some 50% of our geology graduates will likely take industry positions at geophysical, environmental, and petroleum companies.

With student enrollment on the decline, however, geoscience departments must rethink their recruiting methods on freshman and transfer students, let alone retention plans for their faculty. Often, geology departments give most attention on ways to draw in pre-college students via outreach programs, such as museum and lab tours, as well as sensationally driven entry-level courses such as "Geological Disasters and the Environment" (Arizona State University Spring 2008 catalog, GLG 110), "Resources Geology," and "Meteorology" (Virginia Tech Spring 2008 catalog, GEOS 1024).

Interestingly, the issue of diversity seems overlooked as one source of the dilemma. Because geoscience departments generally focus on the college freshman level, recruitment is already limited to individuals who likely have had previous exposure to the physical sciences during their K-12 education or have an expectation that the courses will be easy to pass, such as the flippantly used term "rocks-for-jocks." It seems that there is little effort to actively recruit science majors at the pre-college level other than through indirect methods. Further, there no emphasis on the types of students being sought after.

This paper explores the role of diversity in the geosciences in terms of gender, ethnicity and persons with disabilities, the challenges underrepresented groups face in academia, and what steps departments are starting to take in order to promote diversity in the geoscience disciplines.

Many universities participate in Earth Science Week or use K-12 outreach as experience for senior undergraduate and graduate students within their department. Additionally, the University of Puerto Rico and University of California Long Beach are two examples where interactive real-world projects were developed between university and local high-school to specifically promote both the interest of geosciences as a valuable field and expose underrepresented communities to the sciences.

Maine State Museum Earth Science Day Announcement

Augusta, Maine

Maine.gov Agencies | Online Services | Help Page Tools GO State Search: GO

 PROGRAMS

Exhibits Collections What's new Programs Friends Anthropology Contact us Links
Groups Volunteers Kids page

Earth Science Day

Wednesday October 10, 2007

9:00 am – 3:00 pm

Maine State Museum Augusta, Maine

In celebration of Earth Science Day, the Maine State Museum is presents a series of exhibits and demonstrations focusing on Maine's geology and the products of the earth that contribute to our economy, education, and enjoyment. Scientists, industry professionals, artists, and educators from around the state will be on hand to demonstrate new and exciting ways in which earth science can help future generations meet the challenges involved in ensuring a safer and more prosperous world.



Join us for exciting displays and hands-on activities about the following topics:

Rocks
Fossils
Minerals and gems
Gold panning
Geo-technologies
Pottery making
Granite quarrying
Mineral industries
Tools of the trade
And much more...



Free Admission All Day of the Event!

**Space is limited! To schedule school groups or for more information,
please contact Marion Smith at 207-287-2301**



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- » [ALUMNI & FRIENDS](#)
- » [CAMPUS CONNECTION](#)



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◀ **Oct 2007** ▶

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W42 21 22 23 24 25 26 27
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Jump to...

Today is:

Tue, Oct 23, 2007

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Wednesday, October 17, 2007

1:00pm **'Renewable Energy in N.D.: A Major Resource'**

(Lecture/Seminar/Conference)

The week beginning Oct. 14 is Earth Science Week. In conjunction, AUGITE, the Minot State University student geology club, is sponsoring a lecture by Kim Christianson titled "Renewable Energy in North Dakota: A Major Resource." Christianson is the Energy Program Manager for the North Dakota Department of Commerce, Division of Community Services. The mission of the program is to promote energy conservation and efficiency and to promote the economic benefits of efficient energy usage. The one-hour lecture is for the general audience and is open free of charge to both the public and MSU communities.

Location: Room 16, Cyril Moore Science Center

Price: Free and open to the public

Contact: Allen J. Kihm
858-3864

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Montana State University
Bozeman, Montana



Earth Science Week

October 14 - 20, 2007

"The Pulse of Earth Science"



[Home](#) [Community Calendar](#) [School Calendar](#)

What is Earth Science Week?

Earth Science Week was founded in 1998 by the American Geological Institute to help the public gain a better understanding and appreciation for the Earth Sciences. The objectives of Earth Science Week are to engage students in discovering the Earth sciences, encourage stewardship through understanding, and as geoscientists to share our knowledge and enthusiasm with the community.

What Events Are Planned for Earth Science Week?

We contacted many public school teachers and asked what they would like to see us do for Earth Science Week. We will be running after school Earth Science Fairs, lectures and activities in classrooms, and an evening of stargazing. In addition, the Department of Earth Sciences has several activities open to the community. We have planned field trips, movie nights, and public lectures relevant to the Gallatin Valley. Please look through the activity calendars below. If you are interested in participating in an activity, please contact the person named for that activity.

Community Activity Calendar

[Click Here](#)

School Activity Calendar

[Click Here](#)

New Earth Science Week Announced on KBZK (Channel 7 CBS) News

Click [here](#), then follow the link for "Z7 Evening News ON DEMAND: Monday 10-15-07". The story is located about 5 minutes into the broadcast.

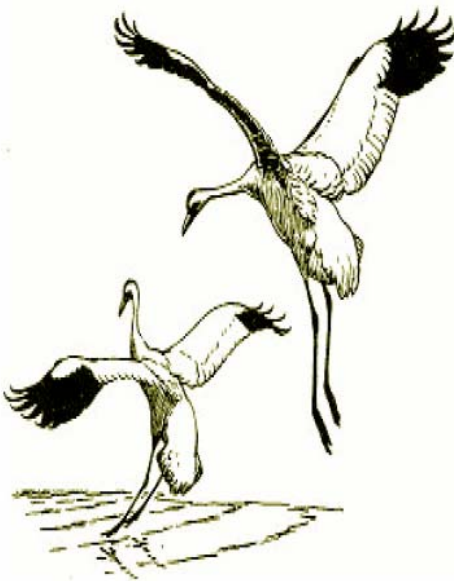
New Governor Schweitzer Announces Earth Science Week

On Monday, October 15th, Governor Schweitzer will attend an Earth Science Week ceremony in the Capital Rotunda at noon. The Montana Bureau of Mines and Geology will present the Governor with the new State Geologic Map. The map will be left in the Rotunda all week in recognition of Earth Science Week.

New The Bozeman Daily Chronicle - Sunday OutThere Article

Fly on over to the.. Annual Patuxent Wildlife Festival!

October 13th, 2007
10:00 am to 3:00 pm



- **Live Animals**
- **Research Displays**
- **Behind-the-Scenes
Research Tours**
- **Conservation Tram
Tours**
- **Children's Activities**
- **& More!!**

**All Ages Welcome. FREE
(except for tram tours).**

The National Wildlife Visitor Center is located off of Powder Mill Rd. between the Baltimore Washington Parkway & Route 197 south of Laurel. If you have any special needs please advise us at least two weeks in advance by calling 301.497.5763 or TDD 301.497.5779. For directions or more information visit <http://patuxent.fws.gov>



Ohio Geological Survey

Columbus, Ohio



OHIO CELEBRATES EARTH SCIENCE WEEK October 14-20, 2007

"The earth holds the water we drink, the coal we use for electricity, and the oil and gas that we use in our cars and houses. It also produces powerful natural hazards in Ohio, such as landslides, earthquakes, and coastal erosion."

- Larry Wickstrom, State Geologist of Ohio

The earth sciences are important to all Ohioans - what are you going to do during Earth Science Week?

CLICK ON THE LINKS BELOW FOR:

Governor Strickland's recognition of Earth Science Week

Ohio activities for educators, students and the public:

- Earth Science Day at Highbanks Metro Park near Columbus
Sunday, October 7
- Fossil Tour at the Statehouse in Columbus at Broad and High Streets
Friday, October 19
- Earth Science Evening at the Cleveland Museum of Natural History,
Friday, October 19
1 Wade Oval Drive Cleveland
(call 1.800.317.9155, ext. 3279 for tickets)
- Celebrate Earth Science Week
at the National Inventors Hall of Fame in Akron
Wednesday, October 17 - Saturday, October 20
Crafts and activities for all ages
221 South Broadway, Akron

The Ohio Geological Survey

offers a variety of EDUCATIONAL RESOURCES, such as a field trip planning guide and hands-on activity sheets.

Order Your FREE Earth Science Week tool kit from the:
Ohio Geological Survey
614.265.6576
geo.survey@dnr.state.oh.us

The official Earth Science Week website sponsored by the American Geological Institute

What does geology mean to me TODAY?

SECOND INTERNATIONAL EARTHCACHE DAY
SUNDAY, OCTOBER 14, 2007
www.earthcache.org

INTERNATIONAL POLAR YEARS
2007 - 2009
www.ipy.org

INTERNATIONAL YEAR OF PLANET EARTH
2008 - 2009
www.esfs.org



Celebrate Earth Science Week October 14-20, 2007



Showcase your artistic talent!
Enter the Earth Science Week Poster Contest.

Deadline for entries: October 6, 2007. Contest open for Vermont Students grades K-12.

OMYA Middlebury Quarry Open House October 13, 2007.
Sponsored by: Omya Industries Inc., Vermont Marble Museum,
Vermont Geological Society, Vermont Geological Survey.

For more information contact: Vermont Marble Museum, Robert Pye 800-427-1396



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 - [Teacher Events](#)
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 - [Earth Science Week](#)
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- [Missions](#)
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- [Teacher Resources](#)

Earth Science Week

Earth Science Week is a great opportunity for your students to learn from Canadian scientists and other professionals working in the exciting field of earth science.

FORMAT: Auditorium Science Presentation

CAPACITY: 15 to 400 students per program

DURATION: 45 minutes (each Program)

PRICE: \$10 per student for first Program (includes visit to exhibit halls)
Add \$5 per student for each additional Program
Add \$6 per student for each additional IMAX®

- [What programs are offered?](#)
- [Monday, October 22](#)
- [Tuesday, October 23](#)
- [Wednesday, October 24](#)
- [Thursday, October 25](#)
- [Friday, October 26](#)
- [Related Offerings](#)
- [How do I apply?](#)



What programs are offered?

Click on a program below for details about it.

	Monday, October 22 Grades 9 – 12	Tuesday, October 23 Grades 4 – 8	Wednesday, October 24 Grades 4 – 8	Thursday, October 25 Grades 4 – 8	Friday, October 26 Grades 4 – 8
10:15 AM	Toxic Trails	Birds of Prey	Flints and Stones	Animal Tales	What a Waste!
11:15 AM	Global Pollution	Stormchaser Science	Stormchaser Science	Dancing Elephants and Floating Continents	The Changing Landscape
12:15 PM	Freshwater Ecosystems	Mineral Matters	Volatile Volcanoes	Soils and Structures	Meteorites

[Back to top](#)

Monday, October 22 Grades 9 – 12

Note: Bullets (•) refer to curriculum connections. [How do I apply?](#)

TOXIC TRAILS (Grades 9-12)
[Dale Gratton, Environment Canada](#)

- Ecosystems and

Pacific Museum of the Earth

Vancouver, British Columbia, Canada



THE UNIVERSITY OF BRITISH COLUMBIA

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The Pacific Museum of the Earth

at the Department of Earth and Ocean Sciences



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Featured Exhibit

Our featured exhibit is our *Lambeosaurus* skeleton. Vertebrate fossils are extremely rare in British Columbia. Only a few are known, and none are part of a complete skeleton. Our neighbouring province of Alberta, however, is rich in fossils, including dinosaurs. This specimen was found and excavated in Alberta by Charles H. Sternberg and his sons. It was prepared at the National Museum of Canada and presented to UBC in 1950.

Lambeosaurs are a type of duckbilled dinosaurs. Duckbills are also called

hadrosaurs. Hadrosaurs were the most common large herbivores in many North American Late Cretaceous ecosystems. The *Lambeosaurs* are characterized by the fact that their crests are hollow. The purpose of the crest is still in dispute; evidence exists for theories as wide ranging as the ideas that it was for sexual display or that it was used as a resonating chamber to make low-frequency calls.

2007 Fall Program

Explore Your Planet



Come join us to celebrate
National Earth Science Week.

On Saturday, October 13th, the Pacific Museum of the Earth will host a museum openhouse and public lecture on climate change

Openhouse: 10am - 5pm

Lecture and Discussion: 5:30pm

[Directions](#)

Museum Open House: Tours, Demonstrations, and Hands-on Explorations

Guided museum tours:

Numerous exhibits span the diverse fields of Earth Science. Some highlights include:

- precious gemstones, meteorites, and other rare exhibits in *The Vault*
- dinosaur fossils
- tornado machine
- local earthquake hazards
- diamond exploration

Hands-on Activities:

Led by EOS researchers, these activities allow you to explore fundamental concepts in Earth Science and have fun in the process:

- Witness (and generate your own) meteorite impacts and the cratering they caused! Learn about extinctions.
- Bring your own rocks, minerals and fossils for experts to help you identify
- Make an erupting volcano and learn more about our local mountains!
- Use a magnetometer to find buried objects, and possibly even treasure! Learn how remote sensing can work within the 'solid' Earth.
- Learn about tsunamis and other types of waves
- Use a seismograph to measure earthquakes and experiment with resonance and

- building failure.
- and many more...

The openhouse will be a fun (and educational) event for the whole family.

Activities for the kids, interesting exhibits, and opportunities for all to ask questions of those doing research in the diverse fields of Earth Science including: atmospheric science, oceanography, geology, geochemistry, geophysics, and biology.


Public Lecture: "The Science of Climate Change"

Dr. Phil Austin

(Atmospheric Science, EOS, UBC) will present a general overview of our current understanding of climate change. *What do we know? How do we know it? Where are we headed?* Then he and several other EOS professors working on climate-related research will field your questions and lead a discussion on this fascinating and important topic. Come to learn about the latest research and ask questions of those actually involved in climate change studies.

If you would like to do some reading on the scientific basis for climate change and the current state of climate modelling, check out these links:

Palomar College Earth Science Week Website
San Marcos, California

	<p>Earth, Space, and Aviation Sciences Special Events for October 14-20</p>
	<p><u>Information, Demo, & Display Table in Student Union</u> Daily M-Th 9:30-3:30</p>
	<p><u>Geyser Eruption by the Flagpole</u> Daily M-Th at 12:35!...It's sure to be a blast!!!</p>
	<p><u>Planetarium Show:</u> The Sky Tonight & Halloween Preview Tuesday, Oct. 16, 1:00 - 1:50, Planetarium</p>
<p><u>Guest Speakers</u></p> <p>Dr. Paul Dayton: Antarctic Ecology. Tues. Oct. 16 at 7:00 p.m. in NS-136</p> <p>Dr. Gary Peterson: "Doomsday Asteroids and Comets". Thurs. Oct. 18 at 7:00 p.m. NS-136</p>	<p><u>Geocaching Adventure</u></p> <p>Tuesday, Oct. 16</p> <p>GPS Training Session 1:00 p.m. in NS-127</p> <p>Geocache FTF Race 2:00 p.m. begins at the Student Union</p>
	<p><u>Photography Contest: "People Discovering Earth's Treasures"</u></p>
<p>Special Showing:</p> <p>"Tsunami: The Wave That Shook the World"</p> <p>Friday, October 20 Noon NS-135</p>	<p><u>Geographic Information Systems (GIS) Open House</u></p> <p>Thursday, Oct. 18, 6:30 pm – 7:30 pm</p> <p>NS-127</p>

Petrified Forest National Park Program Flier

Petrified Forest National Park, Arizona

National Park Service
U.S. Department of the Interior



Petrified Forest National Park Celebrate Earth Science Week 2007

Date: October 2, 2007

Contact: Marge Post, (928) 524-6228 ext. 264

Petrified Forest National Park Celebrates Earth Science Week, October 14-20, 2007

Petrified Forest, AZ – Earth Science Week is a yearly event sponsored by the American Geological Institute to help the public better understand and appreciate earth sciences and encourage stewardship of the earth. This year's Earth Science Week is from October 14-20 and celebrates the theme *The Pulse of Earth Science*. "Petrified Forest National Park is marking this event with special programs featuring the park's fascinating geology," said acting Superintendent Brad Traver.

RANGER PROGRAMS

Triassic Park – 10:00 a.m. every day. Join a ranger at Rainbow Forest Museum to learn about petrified wood and the Triassic environment.

Special Programs – 2:00 p.m. every day. Check at the park visitor centers or at the **Guided Tours** page for more information.

JUNIOR RANGER PROGRAM

Become a Junior Ranger during Earth Science Week and earn a special award! Ask for a Junior Ranger activity booklet at any of the park visitor centers.

DISPLAYS AND EXHIBITS

Hands-on exhibits at Painted Desert Visitor Center allow you to touch rocks and fossils found at Petrified Forest National Park.

Exhibits at the Rainbow Forest Museum and Visitor Center include plant and animal fossils, skeletons of Triassic animals, and images of the environment over 200 million years ago.

HIKING TRAILS THAT HIGHLIGHT EARTH SCIENCE

Painted Desert Rim – 1 mile round trip – Walk along the edge of a geological wonderland.

Blue Mesa – 1 mile loop – Drop down into the clay hills and see geology in action.

Crystal Forest – 0.75 mile loop – Browse through a forest of colorful petrified trees.

Long Logs and Agate House – 2.5 miles round trip – See exposed logs over 100 feet long and visit a unique ancestral Puebloan home made of petrified wood.

Giant Logs – 0.4 mile loop – Visit one of the largest logs in the park, "Old Faithful."

For more information call (928) 524-6228 weekdays, 8:00 a.m. to 4:00 p.m. Mountain Standard Time; or write to the Superintendent, Petrified Forest National Park, P.O. Box 2217, Petrified Forest, AZ 86028; or **e-mail** the park.

Polar-Palooza

Albuquerque, New Mexico

VISITOR INFO

ON DISPLAY

SCIENCE

EDUCATION

FOUNDATION

DINATHEATER

PLANETARIUM

POLAR-PALOOZA EVENTS

October 2007

S	M	T	W	R	F	S
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14	15	16	17	18	19	20
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Click on any dark green numbers for that day's events

Related Links

[Polar-Palooza](#)

[October Events at the Museum](#)

[Lectures and Short Talks](#)

Polar-Palooza Albuquerque Participants

[New Mexico Museum of Natural History and Science](#)

[Albuquerque Biological Park](#)

[Explora](#)

[Maxwell Museum of Anthropology](#)

[Indian Pueblo Cultural Center](#)

[Sevilleta National Wildlife Refuge](#)

Polar-Palooza Sponsors

[National Science Foundation](#)

[NASA](#)

[International Polar Year](#)

[Passport to Knowledge](#)



Polar-Palooza comes to Albuquerque in October

Why should people in New Mexico care about the Poles?

What explains why penguins live down south and polar bears only in the north?

How can thousand-year-old ice from the Arctic and Antarctic help us understand Earth's future climate?

Who are today's polar explorers, and why do they risk frostbite and crevasses to study some of the most extreme conditions on the planet?

The "International Polar Year" (IPY) began in February, 2007. IPY is a major international research program, similar to the IGY (International Geophysical Year) of the 1950s, that is sending research scientists to the poles to explore fundamental scientific questions concerning endangered species, the geology, chemistry, and physics of ice, and climate change. The scientists and their new discoveries will be presented to the general public here in the U.S. through a national education and outreach program, funded by the National Science Foundation, called POLAR-PALOOZA.

POLAR-PALOOZA will bring polar researchers to about 25 cities across the nation during the next year. Museum staff member, Jayne Aubelo, is co-organizer (co-investigator on the NSF grant) of this national educational program, and the New Mexico Museum of Natural History and Science is the lead institution on this national program.

POLAR-PALOOZA ALBUQUERQUE will feature exciting educational events throughout the month of October at our museum, and at our partner institutions including Explora, UNM's Maxwell Museum, and the Albuquerque BioPark. The Polar-Palooza events at the Museum, throughout October, will include every Tuesday-Thursday short talk throughout the month, evening lectures by New Mexico local research



Celebrate Earth Science Week at UConn!

There's something for everyone!

**Hands-on experiments for all ages*

**Earth science movies*

**Bring your own rocks to be ID'd*

**Walking field trips*

**Demonstrations*

*Come Celebrate With Us
at the University of Connecticut!*

Date: Sunday, October 21st

Time: 10am - 2pm

*Location: Beach Hall 2nd Floor
Storrs Campus*

Event Details:

www.geosciences.uconn.edu

Universidad Nacional de San Luis
San Luis, Argentina



El Departamento de Geología y la Biblioteca Departamental "Dra. Lidia Malvicini" invitan a las charlas y videos de divulgación destinadas al publico en general y estudiantes de todos los niveles, desde primarios a universitarios:

Las actividades programadas para la 8ª edición de la Semana de las Ciencias de la Tierra se suman a las previstas por el Comité Argentino en el marco de la Iniciativa Internacional "2008 Año del Planeta Tierra" bajo el lema Ciencias de la Tierra para la Sociedad (adoptada por la Asamblea General de las Naciones Unidas a partir de una presentación conjunta de la IUGS y UNESCO). Tiene por finalidad crear conciencia del inmenso potencial que tienen las Ciencias de la Tierra para contribuir a lograr una sociedad más segura, más sana y más próspera.

Los objetivos principales de esta actividades son:

- Incentivar a los estudiantes a descubrir las Ciencias de la Tierra.
- Recordarle a la comunidad que las Ciencias de la Tierra forman parte importante de la vida cotidiana.
- Incentivar la administración de la Tierra a través del entendimiento
- Motivar a los geocientíficos a compartir sus conocimientos y entusiasmo sobre la Tierra

La cita es en el Microcine, en el Rectorado de la Universidad Nacional de San Luis, Av. Ejercito de Los Andes 950, los días Martes 16, Miércoles 17 y Jueves 18 de Octubre (se adjunta la planilla con los horarios de las charlas y videos). La entrada es libre y gratuita, para más información eahumada@unsl.edu.ar.



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Earth Science Week, October 14-20, 2007

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Celebrate Earth Science Week, October 14-20, 2007

"The Pulse of Earth Science" is this year's theme for Earth Science Week (ESW), an annual event sponsored by the [American Geological Institute \(AGI\)](#) and its member organization.

[Science Week Toolkits](#)

- [USGS Education Resources for Teachers](#) -- A compendium of USGS Web sites selected to support classroom instruction and student research.
- [International Polar Year: Science at the Ends of the Earth](#) -- Information about the research being conducted to understand polar change and assess its effects on Earth's ecosystems and people.
- [Landsat Image Mosaic of Antarctica \(LIMA\)](#) -- An introduction to the LIMA project that will allow citizens, for the first time, to access seamless high resolution imagery of the entire Antarctic continent; available in four useful formats.
- [Facts on Disc](#) -- A full-text, searchable database of all recent USGS Fact Sheets, including high resolution images and a wide range of topics, in a convenient DVD format. The entire toolkit package can be ordered through [AGI's Science Week Toolkits](#).

[USGS ESW Home](#)

[Director's Message](#)

[USGS Activities in Your State](#)

[The USGS and Science Education](#)

Presidential Proclamation

Previous activities: [2006 Earth Science Week](#)

Check back often as additional information becomes available.

Some documents on this page may require [Acrobat Reader](#).

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URL: <http://www.usgs.gov/earthscience/2007/default.asp>
Page Contact Information: [Ask USGS](#)
Page Last Modified: Friday, August 24, 2007



USGS Open House Flier
Reston, Virginia



You're Invited! **USGS Open House 2007**

Dig the Earth ? *Discover Our Science!*

Explore more than 125 years of earth science at the U.S. Geological Survey Open House on Saturday November 3, 2007. Exhibits, demonstrations, hands-on activities and live entertainment will introduce the whole family to the wonders of science.

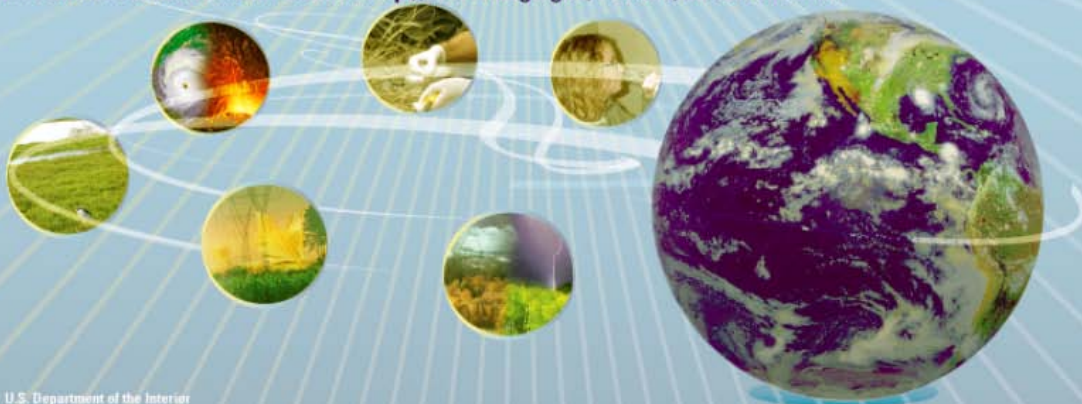
Talk to world-class USGS scientists and learn about earthquakes, volcanoes, water quality, climate change, invasive species, and mapping the Earth. See alligators, pan for gold and check out simulated hurricanes. Experience earth science in 3-D, create paintings using fish and take a trek through time looking at fascinating fossils. Don't miss this opportunity to experience these activities and more! Great resource materials are available for teachers.

Admission and parking are free. Food and beverages for sale.
Most activities indoors — Event will take place rain or shine.

Where: USGS National Center
12201 Sunrise Valley Drive
Reston, VA 20192

When: Saturday, November 3, 2007
10:00 a.m. – 5:00 p.m.

Directions to the National Center: <http://www.usgs.gov/visitors/directions.html>



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

USGS Western Region Open House
Menlo Park, California



Earth Science Day

October 16, 2007

By invitation only U.S. Geological Survey in Menlo Park, California, presents Earth Science Day!:

The U.S. Geological Survey is celebrating Earth Science Week by sponsoring a one-day presentation of exhibits, discussions, and presentations featuring USGS Science and educational resources. Learn about earthquakes, volcanoes, marine science, visualization of the landscape around the world, and in the San Francisco Bay region, and much more!



Click [here](#) for a USGS Campus Tour and Parking Map.

See photos from the 2007 Earth Science Day:

http://www.diggles.com/photography/2007/071016_Earth_Science_Day/

This map shows a campus route that visiting classes or groups should follow.

To ensure best access to all exhibits and maximize your experience, please show up at your scheduled times.

For regional directions to the USGS, click [here](#).

For a preliminary list of exhibits, click [here](#).

For USGS campus parking info, click [here](#).

[U.S. Department of the Interior](#), [U.S. Geological Survey](#)

Maintainer: [WESP Webserver Team](#)

URL: <http://geomaps.wr.usgs.gov/EarthScienceWeek/>

Last modification: 10/10/2007

[ugs](#) / [teacher resources](#) / earth science week

Celebrate Earth Science Week



The Utah Geological Survey hosts hands-on activities for school groups to celebrate Earth Science Week* during October.

[Earth Science Week Declaration](#)
signed by Governor Jon M. Huntsman, Jr.

[ESW Photos](#)

Activities this year will be held October 15-17 (Monday - Wednesday) between 9:30 a.m. and 4:00 p.m. for 4th and 5th graders (maximum of 75 students).

Make your reservations now! Call 537-3300 and speak to either Sandy Eldredge or Jim Davis.

Groups are scheduled for 1 ½ - hour sessions, during which they will pan for "gold," see how fossils are excavated, learn about rocks and minerals, and observe stream erosion and deposition.

* Earth Science Week is celebrated the second full week of October throughout the nation as well as in other countries. The purpose is to increase public understanding and appreciation of the Earth sciences. Launched in 1998 by the American Geological Institute (AGI), efforts have grown on local, national, and international levels to highlight the vital role Earth sciences play in society's use of resources and interaction with the environment. For more information about Earth Science Week, visit the AGI's web site at www.earthsciweek.org.



On your mark, get set ... GO!





... pan for "gold."

Vermont Geological Survey Earth Science Week Activities Announcement

<http://www.anr.state.vt.us/dec/geo/esweekinx.htm>

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Earth Science Week 2007 - The Pulse of Earth Science

October 14-20, 2007

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 10th annual Earth Science Week festivities include Geologists-in-the-Parks and a quarry tour at OMYA's Middlebury site. 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 14-20, 2007 - Earth Science Week - The Pulse of Earth Science
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 2007 is "The Pulse of Earth Science". From AGI: "This year marks the tenth annual Earth Science Week. With this theme, Earth Science Week activities will promote public and professional awareness of the status of earth science in education and society. The theme will also focus attention on geoscience research, such as that associated with the International Polar Year (IPY) and the International Year of Planet Earth (IYPE), of which AGI is a Founding Partner. Through these major initiatives Earth Science Week will help spread understanding of the impact the earth sciences have on society." Annual activities in VERMONT include Geologists-in-the-Parks, OMYA's quarry Open House, guest speakers, a poster contest, and a variety of other events. 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 14-20, 2007 - Earth Science Week: The Pulse of Earth Science- Poster Contest
Host: OMYA Industries, Inc., Vermont Marble Exhibit, and the Vermont Geological Survey
Contact: Jerilynn Valente at 802-770-7217
E-mail: Jerilynn.Valente@mya.com
Information:
Details and entry information TBA. The theme for ESW 2007 is "The Pulse of Earth Science"

October 13, 2007 - Earth Science Week - OMYA, Inc. Middlebury Quarry Open House
Host: OMYA Industries, Inc.
Contact: Alice Blount
Phone: 802-770-7267
E-mail: Alice.Blount@omya.com
Location: Middlebury, VT
Information: Details TBA

Washington Department of Geology and Earth Resources Activities Announcement

<http://www.dnr.wa.gov/geology/esweek/2007/>



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DIVISION OF GEOLOGY AND EARTH RESOURCES



See Washington State activities from previous years
[2006](#) | [2005](#) | [2002](#)

Earth Science Week 2007
October 14–20

Earth Science Week 2007 Celebrates "The Pulse of Earth Science "

This year marks the tenth annual Earth Science Week. With this theme, Earth Science Week activities will promote public and professional awareness of the status of earth science in education and society. The theme will also focus attention on geoscience research, such as that associated with the International Polar Year (IPY) and the International Year of Planet Earth (IYPE). Through these major initiatives Earth Science Week will help spread understanding of the impact the earth sciences have on society.

– From the Earth Science Week website at www.earthsciweek.org

EVENTS

- Ron Teissere, State Geologist, on behalf of the Division of Geology and Earth Resources, will **donate** copies of Home Ground—Language for an American Landscape, edited by Barry Lopez, to the Washington State Library, the Timberland Regional Library, and the Office of the Superintendent of Public Instruction.
- The Geology Library will hold a **silent auction** to raise money for geologic education programs (*dates to be announced*). Items to be auctioned include: a rock-gem-mineral collection, geologist Sarah Andrew's Em Hansen geological mysteries autographed by the author, maps, books, and Mount St. Helens ash from the 1980 eruption. Money raised will be split equally between the Minerals Information Institute and American Geological Institute.
- Thursday, October 18, the Division of Geology and Earth Resources Brown Bag lunchtime presentation will discuss an ESW topic.
- Seven geological radio spots have been sent to Washington stations to be aired, one per day, during ESW.

RESOURCES

- An updated Washington Teachers' Packet will go online at last. During ESW, there will be a link from this page.
- Visit the American Geological Institute's [Earth Science Week website](http://www.earthsciweek.org) (<http://www.earthsciweek.org>) for activities, events, lesson plans, and more.

[Geoscience Education](#) | [DGER Home](#)

Last modified 31 Aug 2007

Washington State Department of Natural Resources Materials

Olympia, Washington

Radio spots (Earth Science Week, Oct. 14-20, 2007)

Sunday, October 14: Top Ten Seismic States

The Washington Department of Natural Resources, Division of Geology and Earth Resources is providing a daily geological note as a part of this week's national celebration of Earth Science Week.

Earthquakes are a significant risk in Washington. All regions of Washington have a history of earthquake activity. More than 1,000 earthquakes are registered in Washington each year. Historically, large earthquakes occurred beneath the Puget Sound waters registering magnitudes of 6 to 7.5 every thirty to fifty years. A strong earthquake may also generate a destructive tsunami (a series of large waves) along the coast, in Puget Sound, or in large lakes. The Washington Military Department, Emergency Management Division has material explaining the hazards, as well as preparedness tips (<http://emd.wa.gov/>).

For more information about Earth Science Week, go to website: www.earthsciweek.org

Monday, October 15: Number of volcanoes

The Washington Department of Natural Resources, Division of Geology and Earth Resources is providing a daily geological note as a part of this week's national celebration of Earth Science Week.

There are only 5 major volcanoes in Washington. They are Mount Baker, Glacier Peak, Mount Rainier, Mount Saint Helens, and Mount Adams. However, there are many volcanic vents in the state. For instance, there is a young volcanic field (less than 1 million years old) in SW Washington called the Indian Heaven Volcanic Field that has about 60 eruptive centers. It is located midway between Mount St. Helens and Mount Adams and is comprised mostly of basalt. The eruptive centers lie on the 30-kilometer-long Indian Heaven fissure zone. Other Quaternary volcanic fields in SW Washington with numerous vents are the Simcoe Field near Goldendale and the Goat Rocks center. You can visit the DNR website <http://www.dnr.wa.gov/geology/hazards/volcano> for further information on the major volcanoes of Washington.

From: Dave Norman, Assistant State Geologist [personal communication, Sept. 21, 2006]

For more information about Earth Science Week, go to website: www.earthsciweek.org

Tuesday, October 16: Abandoned metal mines

The Washington Department of Natural Resources, Division of Geology and Earth Resources is providing a daily geological note as a part of this week's national celebration of Earth Science Week.

There are more than 3800 abandoned metal mines in Washington. The mines were worked and abandoned before there was a requirement for reclamation and cleanup. Mine hazards include water quality degradation from high concentration of heavy metals, and physical hazards such as vertical pits, caving shafts, and collapsing underground workings. These hazards have obvious and significant liability problems for land owners, the public, and government.

The Washington Division of Geology and Earth Resources is currently cataloging and investigating these sites for the Inventory of Inactive and Abandoned Mine Lands. The Division was awarded a U.S. Forest Service grant for this work because of our technical expertise and the extensive collection of reports and data about these mines in our library. The Division is publishing its findings on each mining district as the site investigation work is done. For more information:

<http://www.dnr.wa.gov/geology/abandonedmine.htm>

For more information about Earth Science Week, go to website: www.earthsciweek.org

Wednesday, October 17: Geologic mapping

The Washington Department of Natural Resources, Division of Geology and Earth Resources is providing a daily geological note as a part of this week's national celebration of Earth Science Week.

Geologic maps show the types and ages of rocks that occur at or near the Earth's surface. They show the locations of faults and folds, landslides, glacial deposits, and other regional or local features, depending on the scale of the map. Geologic maps are the most fundamental and important tool of earth scientists.

Most geologic mapping done by companies and universities is for a specific purpose and covers a small irregular area. The job of the Division of Geology and Earth Resources, as the state survey, is to produce maps that cover whole areas of the state at various scales. The Division's maps are used for a broad range of practical applications, including growth-management planning, dam safety, hazard and risk assessment, water-resource appraisals, resource use and protection, education, recreation, and scientific research.

For more information about Earth Science Week, go to website: www.earthsciweek.org

Thursday, October 18: Resource mapping

The Washington Department of Natural Resources, Division of Geology and Earth Resources is providing a daily geological note as a part of this week's national celebration of Earth Science Week.

Washington has an \$800 million per year mineral industry that includes sand and gravel, crushed stone, coal, metals, and industrial minerals such as diatomite, clay, silica, and olivine. Industry uses the Division of Geology and Earth Resources maps and publications, along with other reports from the Division's Geology Library, to help find new resources.

In the past, the Division has done many mineral and other resource inventories. Recent emphasis has been on locating the sand, gravel, and quarry rock resources needed for highway and infrastructure construction. The Division has produced sand and gravel resource maps that are useful for guiding zoning decisions and balanced resource planning at the local level. To date about ten percent of the state has been mapped for sand, gravel, and crushed rock resource potential.

For more information about Earth Science Week, go to website: www.earthsciweek.org

Friday, October 19: Fossil parks

The Washington Department of Natural Resources, Division of Geology and Earth Resources is providing a daily geological note as a part of this week's national celebration of Earth Science Week.

The answer to the question, "Where is the best place to find a fossil?" is no longer, "In a museum!" In June 2003, CNN reported on three new US public, non-profit fossil parks (in Sylvania, OH; Hanburg, NY; and Rockford, IA) with special geoscience education missions. These parks allow the public to collect and actually keep the fossils they find. At present, there are seven such parks (with new ones in Aurora, NC; Sharonville, OH; Fossil, OR; and Republic, WA).

The park in Republic, Washington is the Storerose Interpretive Center, an Eocene fossil site. Both animal and plant fossils are found there, dating back nearly 50 million years.

Storerose is open from the first of May through October 31. Visitors are allowed to keep three fossils each. The Storerose website is <http://www.storerosefossil.org/>.

For more information about Earth Science Week, go to website: www.earthsciweek.org

Saturday, October 20: Snoqualmie Falls geology

The Washington Department of Natural Resources, Division of Geology and Earth Resources is providing a daily geological note as a part of this week's national celebration of Earth Science Week.

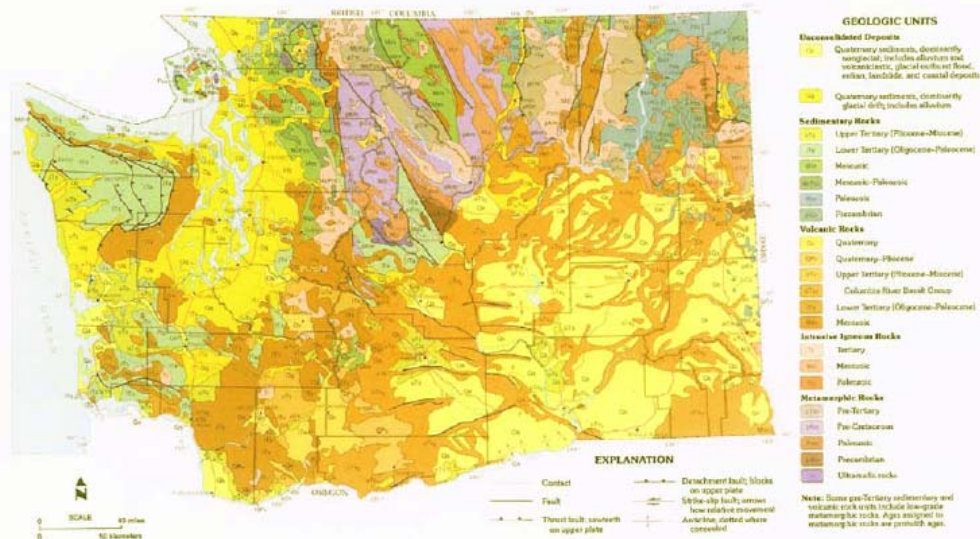
Snoqualmie Falls is certainly the most spectacular geological feature of the lower Snoqualmie Valley. At 268 feet, it's almost 100 feet higher than Niagara. Before the Ice Age began almost two million years ago, the Snoqualmie River had cut a valley from the Cascades westward through the Puget Lowland. At least twice during the Ice Age, the Puget Lobe of the Cordilleran Ice Sheet advanced south from British Columbia, filled the valley, and receded from it. It left behind a valley partially filled with "till," a mixture of rock sizes from silt to boulders. In the final glacial stage, the valley was filled with a lake which accumulated more sediments. About 12,000 years ago when the ice dam broke and the lake drained, the river found a new course across the accumulated sediments, and plunged over a bedrock shoulder that projected out from the side of the pre-glacial valley.

If you visit the falls right after a heavy winter or spring storm, you'll see a falls that resembles the one before the diversion of the river for the power plant.

From: Mountains to Sound, v. 14, no. 1, p. 5, 2007.

For more information about Earth Science Week, go to website: www.earthsciweek.org

GEOLOGY RESOURCES FOR TEACHERS



Geologic map of Washington



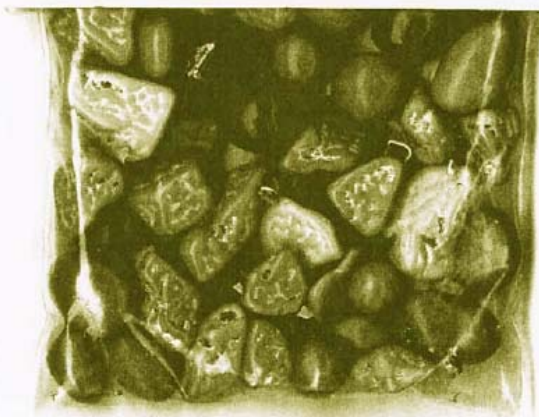
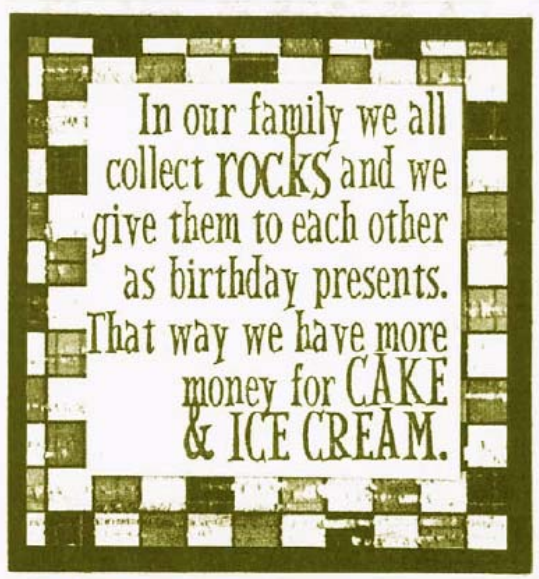
WASHINGTON STATE DEPARTMENT OF
Natural Resources
Doug Sutherland - Commissioner of Public Lands

Division of Geology and Earth Resources
Ron Telsere - State Geologist

Washington Division of Geology and Earth Resources
PO Box 47007; Olympia, WA 98504-7007
Phone: (360) 902-1450; Fax: (360) 902-1785
E-mail: geology@dnr.wa.gov

Website: <http://www.dnr.wa.gov/geology/>
"Washington State's Geological Survey since 1890"

Revised 09/2007



Sold during ESW rock auction
(rock candy)

The Oct. 16 Rock Auction (rocks, minerals, books, maps) raised \$705 for AGI and MII, to continue their educational programs.

HOME GROUND

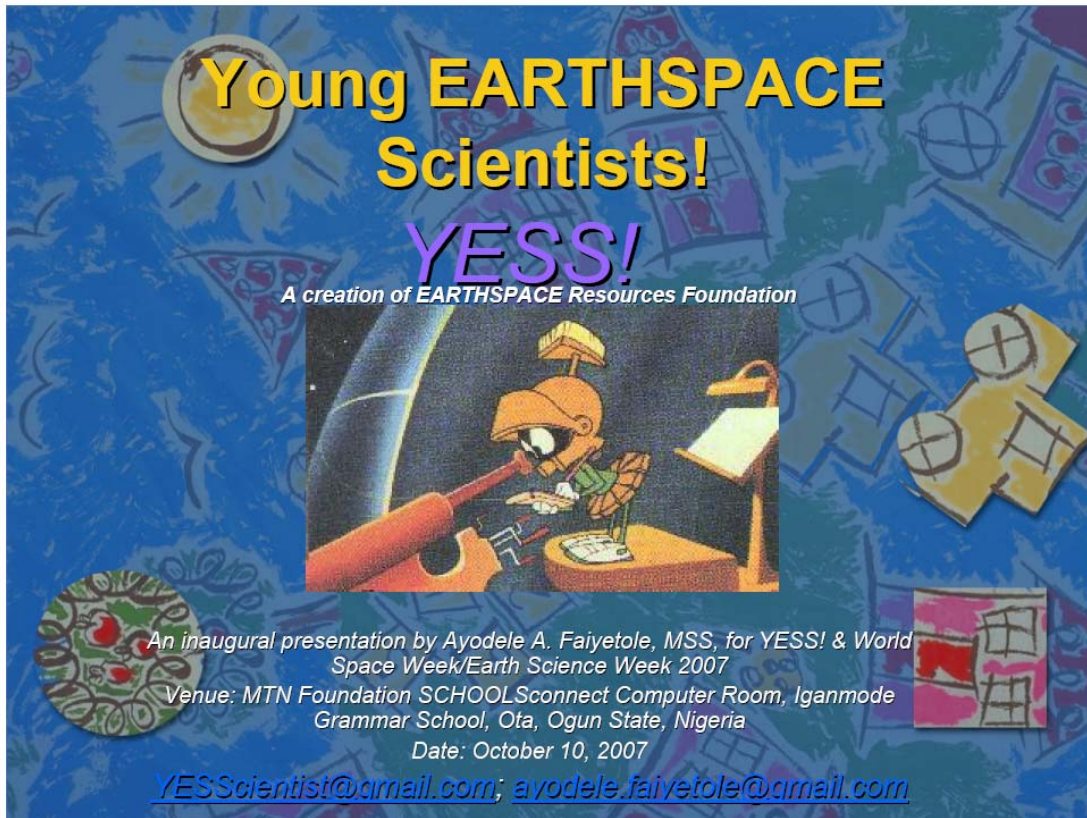
Language for an American Landscape

State Geologist Ron Teissere gave copies of this book to the Washington State Library, the Timberland Regional Library, and the Office of the Superintendent of Public Instruction during Earth Science Week.

Barry Lopez, Editor

Debra Gwartney, Managing Editor

Young EARTHSPACE Scientists Presentation
Ota, Ogun State, Nigeria



On the cover: A beautiful picture for a beautiful play. The Gulf of Mexico – both onshore and, in increasingly deeper and deeper waters, offshore – continues to be the defining story for U.S. exploration. This month's EXPLORER, featuring our annual Gulf Coast editorial emphasis, offers a variety of stories of the region that paint a picture of challenges and success. The cover shot, incidentally, is of Apache's Tarantula Field, located at South Timber 308, courtesy of Apache Corp.

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STAFF

- AAPG Headquarters** – 1-800-364-2274 (U.S. & Canada only), others 1-918-584-2555
- | | | |
|--|---|---|
| Communications Director
Larry Nation
e-mail: lnation@aapg.org | Correspondents
David Brown
Louise S. Durham
Barry Friedman | Advertising Coordinator
Brenda Meredith
P.O. Box 979
Tulsa, Okla. 74101
telephone: (918) 560-2647
(U.S. and Canada only:
1-800-259-7636)
(Note: The above number is
for advertising purposes only.)
fax: (918) 560-2636
e-mail: bmer@aapg.org |
| Managing Editor
Vern Stefani
e-mail: vstefan@aapg.org | Graphics/Production
Rusty Johnson
e-mail: rjohnson@aapg.org | |
| Editorial Assistant
Susie Moore
e-mail: smoore@aapg.org | | |

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Photo by Neil Wicker

It looks deserted here, but this area of the South Carolina coast provides the setting for one of AAPG's most popular field seminars: "Modern Terrigenous Clastic Depositional Environments." You say you want details? They're coming, in the 2008 AAPG education catalog, which will be part of the November EXPLORER. For now, watch for education department updates online at www.aapg.org.

PRESIDENT'S COLUMN

AAPG Addressing Manpower Needs

By WILLARD "WILL" GREEN
World consumption of energy derived from fossil fuels is at an all-time high and continues to increase, although at a slower rate. The future supply of energy is critical for economic vitality and security worldwide.

To assure that the future energy supply will be sufficient to meet the needs of the increasingly industrialized world, more well-educated and trained geologists, geophysicists and engineers are needed.

The U.S. Department of Labor estimates that over one-half of the U.S. technical work force will retire in the next 15 years – a critical loss in work force. Currently a significant shortage of petroleum geoscientists exists in North America and western Europe, but shortages also have been reported in India and Southeast Asia.

Enrollment in geosciences and petroleum engineering is increasing. For example, the number of undergraduate students studying petroleum engineering at Texas A&M University, one of the largest petroleum engineering schools in the United States, has increased from 191 in 2001 to 507 in 2006, including a new satellite campus in Qatar.

But will the current increasing enrollment be enough to supply work force needs accelerated by increasing demand for energy and the looming wave of retirements?

What is AAPG currently doing to attract, assist and encourage students in

geosciences?



Green

✓ AAPG, through its local affiliated societies, encourages students in elementary through high schools to take scientific and technical classes. It's important to interest young students in geoscience before they enter a college or university.

Many local societies participate in the Earth Science Week program (Oct. 14-20), developed by the American Geological Institute. This year the West Texas Geological Society, my home society, will send volunteers into 50 elementary schools to give geoscience talks to fourth through sixth grade students.

✓ The AAPG Sections, with partial funding from the AAPG Foundation, offer elementary and middle school science teachers training in geology with applications to the petroleum industry. This is accomplished through the seminar, "Rocks In Your Head." The program is usually offered in conjunction with the Section conventions.

✓ The AAPG Foundation has a

See President, page 6

Candidates' Profiles Now Online

Biographies and individual information for the 2008-09 slate of AAPG officer candidates are available online at the AAPG Web site.

The biographies and responses to the topic "Why I Chose to be a Candidate for AAPG Office" also will be inserted in an upcoming EXPLORER.

The president-elect winner will serve as AAPG president in 2009-10. The terms for both vice president-Sections and treasurer are two years.

Ballots will be available in spring 2008.

A complete list of AAPG rules and guidelines governing the campaign – for candidates and supporters – can be found online at <http://www.aapg.org/business/candidates/rules.cfm>.

The candidate slate is:

President-Elect

- John C. Lorenz, Geoflight LLC, Edgewood, N.M.
- Ronald A. Nelson, Broken N Consulting, Cat Spring, Texas.

Vice President-Sections

- David H. Hawk, Energy Analysis and Answers/Consultant, Boise, Idaho.
- W.C. "Rusty" Reese, BP Americas, Katy, Texas.

Treasurer

- Edith C. Allison, U.S. Department of Energy, Washington, D.C.
- Kay L. Pitts, Aera Energy LLC, Bakersfield, Calif.

Asheville Citizen-Times

Asheville, North Carolina

Asheville, NC Tuesday, October 9, 2007 2:35 PM

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published October 9, 2007 12:15 am

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Advertisement

Today's reader photo

Alicia Sisk-Morris, of Weaverville, sent in this photo of Carson Morris and their dog, Gabe, and wrote, "They both have redish brown hair, hazel eyes, a big beautiful smile and enough energy to light up Asheville for a year."

Send in your dog/owner photos: For October, send in pictures of you and your dog — if you think you look alike, that is. Close-ups preferred. Please include a caption, plus your name and the town you live in.

E-mail high-resolution images to readerphotos@CITIZEN-TIMES.com.

CITIZEN-TIMES.com.

National Earth Science Week

Join the Colburn Earth Science Museum as it celebrates the 10th annual National Earth Science Week with tours, kids' activities and more.

The Colburn will be offering free admission every day, 3-5 p.m. Oct. 16–19.

There will be free museum tours offered at 3:30 p.m. and free kids' activities with an environmental theme all day, every day.

Also, the Colburn will be giving away free minerals for the whole week.

Colburn Earth Science Museum is at 2 S. Pack Square at Pack Place in downtown. Call 254-7162 or visit www.colburnmuseum.org.

Associated Press Utah Daybook
Salt Lake City, Utah

Associated Press Utah Daybook
10/13/2007

Associated Press (AP) - Salt Lake City Bureau

Assignment Editors, News Directors: Events are listed as they are scheduled and may be subject to delays, postponements and cancellations not shown. This is particularly true of court cases. You may wish to confirm scheduling before committing resources to coverage.

MONDAY, Oct. 15:

_ 10 a.m. MINT CEREMONY _ U.S. Mint in Colorado unveils final Utah quarter: historic joining of the rails linking East and West.

Location: U.S. Mint of Denver, 320 W. Colfax Ave., Denver, CO

Contact: Claudia Nakano, 801-538-8805; Guillermo Hernandez, 303-405-4763

_ 10:30 a.m. DINOSAUR SCHOOL _ Thirty-five fourth-graders participating in Earth Science Week festivities will see the skull of a new horned dinosaur, dubbed the Last Chance ceratopsian.

Location: Utah Core Research Center, 240 N. Redwood Road

Contact: Sandy Eldredge, 801-537-3325

The Daily Campus at UCONN
Storrs, Connecticut

UConn Celebrates 10th Annual Earth Science Week This Sunday

By: Katy Nally

Posted: 10/19/07

To prove that geology is about more than just rocks, UConn will be celebrating Earth Science Week this Sunday from 10 a.m. to 2 p.m. at Beach Hall.

Students and teachers from the Center for Integrative Geosciences will run earth-science related activities to inform students, and the public, about geology. All students have been invited and are encouraged to attend, Kristen Myshrall, a Ph. D. graduate student helping out this Sunday, said.

"We're excited because it's the first year we're doing it," Abi Hastillo, coordinator of Earth Science Week at UConn, said. "We're hoping to get the public involved."

There will be activities for all ages and many specifically geared toward college students with science majors. "The cool thing about geology is that it incorporates all the sciences and applies it to the earth," Hastillo said.

According to the schedule, there will be activities such as, U.S. Geological Survey (USGS) seismic demonstrations, how to clean up a simulated oil spill and breaking open your own geode. Al Gore's "An Inconvenient Truth" will also be shown to emphasize climate change, as well as the Discovery Channel's "Walking With" series.

There will also be several speakers including Jennifer Pagach, a representative for the Connecticut Department of Environmental Protection, who will cover the connection between science, society and the government, Hastillo said, and Assistant Professor Andy Bush, who will discuss the controversial link between birds and dinosaurs, Myshrall said.

Myshrall will be demonstrating geocaching, an activity where participants use a global positioning system and clues, to find objects hidden all over the world, or in this case, around UConn. Myshrall also participated in Earth Science Week at the University of Kansas, where, she said, it had a huge turnout.

"There were some college kids, but you can also pull in a lot of people from the community," Myshrall said.

This is the tenth annual, nation-wide, Earth Science Week, sponsored by the American Geological Institute (AGI). This year's theme is "The Pulse of Earth Science," and the goal is, "To help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth," according to the AGI Web site. "People tend to think geology is just rocks," Myshrall said, and this year's theme will challenge that idea.

In 2006, organizations such as the USGS and the National Park Service sponsored national activities. Last year the USGS provided programs such as, North America amphibian monitoring and schoolyard geology; helping teachers organize earth-science field trips, according to the USGS Web site.

"Earth sciences are fundamental to the safety, health, welfare, environmental security and the economy of Connecticut," Governor Jody M. Rell said, proclaiming this year's Earth Science Week. Hopefully students, and the public alike, will discover this on Sunday.

Contact Katy Nally at Caitlin.Nally@UConn.edu.

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VIEWS AND NEWS

International viewpoint and news

Published online: 22 June 2007
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The International Year of Planet Earth is underway

Anne Marie de Grobois

Many science and outreach projects of the International Year of Planet Earth (IYPE) are underway. Ten broad themes provide the operational framework of the Year's science program. A series of multilingual brochures and flyers were written by specialists and are available in both printed and electronic forms from the websites: <http://www.yearofplanetearth.org> and <http://www.esfs.org>.

According to the recent Status Report on IYPE, many outreach projects are in progress—and some of course are still in development. Some examples of these are given below:

- First World Top Conference evaluates options for a better use of Earth science for solving societal problems is planned for 12–13 February 2008 in Paris.
- World Mining Ministers Forum, March 2008, Toronto, Canada
- Smithsonian World Soil Exhibition, Washington, USA, (touring exhibit)
- DVD on sustainable mineral exploration (IAGOD, SGA)
- International conference on indigenous geo-knowledge and geoscience
- International congresses with focus on IYPE in IU/GG (2007), IGU (2008), GSA (2008), IGC (2008)...

A. M. de Grobois (✉)
Freiburg/Sachsen, Germany
e-mail: dgrobois@bluewin.ch

P. E. LaMonte
1009, 23rd Ave., Tuscaloosa, AL 35401, USA
e-mail: pe10@tusc.edu

- 2008 World Conference of Young Earth Scientists
- Development of International Standards in Geo-Information (GGI)
- Quality control medical geology terminology (IAMG)
- Launch of International Consortium of Urban Geoscientists
- Creation of Institute on Earth Science for Underground Cities
- Geoparks (China, Austria, Switzerland, Iran, Germany)
- Geotourism Conference, Australia 2008
- World Landslide Forum, Japan 2008
- 3rd UNESCO Geoparks Conference, "Terra Viva", June 2008, Germany

In March 2007, eighty-one scientists from geological surveys and organizations worldwide gathered in Brighton England to launch the project *OneGeology*. It's a project to make web-accessible the best available geological map data worldwide at a scale of about 1:1 million, as a multinational contribution to the International Year of Planet Earth. Although the target map scale is 1:1 million, the project remains realistic and intends to work with a range of scales and the best available data. According to their website: "*The concept is a complexly modern paradigm: it is planned as a distributed model - a dynamic set of geological map data served... to a web portal and as such will be frequently updated and improved...*" The website can be found at: <http://www.onegeology.org/>. Further information about *OneGeology* will be published in an upcoming issue of *Environmental Geology*.

The pulse of earth science

Each year Earth Science Week offers the public various opportunities to discover the earth sciences. Earth Science

1666

Environ Geol (2007) 52:1665–1666

Week is supported by the U.S. Geological Survey, the AAPG Foundation, and other geoscience organizations. The American Geological Institute (AGI) has planned on 14–20 October the Earth Science Week 2007 around the theme "The Pulse of Earth Science". This outreach event aims to promote public and professional awareness of the status of earth science in education and society. During this tenth annual Earth Science Week, the idea is to take stock of the recent advances and declines in earth science education across the United States.

AGI also intends to highlight several international research and outreach efforts in the geosciences. This year also marks the start of the International Polar Year and the International Year of Planet Earth, of which AGI is a founding partner. In addition to these, Earth Science Week will coincide with the International Helio-physical Year and the International Electronic Geophysical Year. To learn more about this week and to access the internet sites connected to international science years, visit the Earth Science Week website at <http://www.earthsciweek.org>.

Rolling across the roof of the world

Introduction by Philip LaMonte

I have just read with a great deal of interest an article in *Geotimes* Feb. 2007 Vol. 52 No. 2 entitled "Rolling Across the Roof of the World" by Slate Geologist of Kentucky Dr. James C. Codd and co-authors Lamin Wang, Edward W. Woolery, Zhennan Wang, and Zhijian Wu. Not only is it highly interesting, but it illustrates nicely the far-reaching expertise and contributions of the state surveys in the United States. The following are some selected excerpts from this article with my added personal comments. The full article can be found at http://www.geotimes.org/feb07/feature_railroad.html or for copies of the original please contact *Geotimes* at: geotimes@agiweb.org.

China made history on 1 July 2006, when the Qinghai-Tibet Railway opened for passenger service. The railway is the highest-elevation passenger train in the world and the first to connect central China with Tibet.

The Qinghai-Tibet Railway runs from Golmud in China's Qinghai province to Lhasa, Tibet's capital, a distance of about 1,140 km. The railway crosses more than 450 bridges and spans three major mountain chains and five rivers, including the Yellow, Yangtze, Mekong (Lancang), Nujiang and Lhasa-Brahmaputra.

The railway reaches a maximum elevation of 5,072 meters above sea level and crosses the largest area of low-latitude permafrost in world. Lhasa, Tibet, lies at 30° north latitude—the same as Houston, Texas.

Stabilizing permafrost was the most pervasive challenge for both construction and maintenance of the railway. Nearly 550 km of the railway is built over permafrost. Protecting the permafrost is key to preventing embankment and roadbed failure from frost heaving and thaw collapse. If the permafrost absorbs thermal energy that is not dissipated, then the permafrost will melt and the roadbed will be damaged.

Many routine engineering construction practices had to be creatively modified for the railway. One example is the use of sunshades or awnings in some areas to protect the roadbeds and embankments from solar heating and excessive rain or snowfall.

Seismic potential was another consideration. On 14 November 2001, a 8.1 magnitude earthquake created a surface rupture 430 kilometers long near Kunlun Pass. In July 2006, a joint Lanzhou Institute of Science and Technology of Kentucky research team used the shear-wave seismic method to attempt to characterize the Kunlun Fault at the railway crossing point.

Environmental issues were also a concern. To minimize disturbance during construction, staging areas were used to minimize surface disturbance. These areas were revegetated after construction. Animal underpasses were constructed to accommodate migration routes. The traincars themselves are designed as a closed system to prevent waste, litter, or discharge. All refuse is kept on board for disposal at rest stations.

Potential tourist benefits are many, especially to geologists. The route from Qinghai to Tibet starts at 7:30 in the morning. It takes about 14 h to cross some of the most unique geomorphological environments in the world.

If the train trip begins in Beijing and ends in Lhasa, Tibet, then a 4,000 km journey will cross snow-capped mountains with glaciers running right along the railway, wide valleys with streams and rivers demonstrating enormous alluvial fans and dunes, and faults and folds in rock cuts along the mountains.

This new rail connection between Beijing and Tibet, while a remarkable geopolitical achievement, is even more valuable scientifically because it brings easy access for geologists and other geoscientists to a remote and unique part of the world.

FOX 11

Green Bay, Wisconsin



Have You Ever Made Cookies With Rocks?

Last Edited: Friday, 19 Oct 2007, 11:22 AM CDT

Created: Friday, 19 Oct 2007, 11:14 AM CDT



TOWN of CENTER -- How can rocks and minerals be used to make cookies? You can learn for yourself at the Mackville Quarry, where they're celebrating Earth Science Week. Geologist Susan Courter joined Good Day Wisconsin Friday.

Geologist Susan Courter joined Good Day Wisconsin Friday for Earth Science Week.



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Heading to a campus event? -- Use our [online maps](#)

October 10, 2007

Alum Richard Boolootian will speak during Earth Science Week

Dr. Richard Boolootian of Sherman Oaks, a California State University, Fresno alumnus with more than 40 years' experience in science teaching, writing, research and media production, will be featured on campus during Earth Science Week 2007.



The 10th annual Earth Science Week, a national and international event organized by the American Geological Institute to increase awareness and appreciation for the earth sciences, is Oct. 14-20.

Boolootian, a 1951 biology graduate, will speak to elementary school children visiting the campus during the week and at a public session at 6 p.m. Tuesday, Oct. 16, in the Smittcamp Alumni House. His visit is sponsored by the College of Science and Mathematics.

He will present a talk entitled, "Passion for Science as Inspired by President Joyal and Fresno State." He also will share a film about his work on the NASA space shuttle program, with a special dedication by his friend, astronaut Buzz Aldrin.

Earth Science Week at Fresno State brings children to campus for interactive learning about the earth and to make fossil casts. This year, Earth and Environmental Sciences Department faculty member Dr. Kerry Workman-Ford is hosting students from Miramonte, Dry Creek and Garfield elementary schools, who will hear Boolootian talk about "Corals, Atolls, Sea Urchins and Atomic Bombs."

Boolootian, a Fresno native, received bachelor's and master's degrees from Fresno State and a Ph.D. from Stanford University.

He was an associate professor of zoology at UCLA from 1957 through 1967, when he founded a business, Science Software Systems Inc. He worked at the Mirman School for Gifted Children in Los Angeles for 31 years as a faculty member, the Science Department chair, director of Admissions and director of community and external affairs, before retiring in 2005.

Thursday, Oct. 11, 2007

Have YOU been Spotted?

Festival offers rare glimpse of endangered birds

Saturday's Patuxent Wildlife Festival at the Patuxent Research Refuge includes a bus tour of research areas that are usually closed to the public, including habitats of the endangered whooping crane.

The free annual festival is held from 10 a.m. to 3 p.m. at the refuge, off Powder Mill Road between the Baltimore-Washington Parkway and Route 197.

Children's activities and wildlife research presentations will also be offered.

Light refreshments will be available for purchase at the Crane Café from the Friends of Patuxent.

**Find out.
Click here.**



The festival, a partnership between two Department of the Interior agencies, celebrates Earth Science Week and National Wildlife Refuge Week.

"The Patuxent Research Refuge is the only national wildlife refuge created specifically to support wildlife research. Wildlife research conducted at Patuxent has included studying the effects of the pesticide DDT on birds, and the captive breeding of endangered bald eagles and whooping cranes for reintroduction into the wild," said Judd A. Howell, center director of the U.S. Geological Survey's Patuxent Wildlife Research Center, in a statement. "The festival will showcase a number of programs highlighting these and other research activities."

For more information please call 301-497-5763 or visitpatuxent.fws.gov.

Geocaching Online

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

<div>Geocaching Online </div>	
<div>SUNDAY, SEPTEMBER 23, 2007</div> <div><h3>EarthCache Day</h3><p>We recently became aware of the upcoming International EarthCache Day on October 14th, 2007. This is the second annual day of its kind and looks to be a great day for all those interested in Earth Sciences and Geocachers alike.</p><p>International EarthCache Day kicks off the tenth annual Earth Science Week which runs October 14th to the 20th, 2007. The purpose of Earth Science Week is to promote awareness of the status of Earth Science in education and society. Since 1998 the American Geological Institute has organized this event in an attempt to help us get a better understanding of the Earth Sciences and to encourage stewardship of our planet Earth.</p><p>An EarthCache is an educational dimension to Geocaching. When you visit an EarthCache site, you learn something special about Earth science, the geology of the location, or how the Earth's resources and environment are managed there.</p><p>On International EarthCache Day you are invited to visit or create an EarthCache site in your area. So let's all make a day of it - have fun and learn a bit while we're doing it!</p><p>Keep on cachin'!</p><p>posted by go_man @ 4:06 PM</p><p><< Home</p></div>	<div>Previous Posts</div> <div>Caching in BC</div> <div>Caching in Frisco</div> <div>The Freedom Tower</div> <div>Caching in Maine</div> <div>The Link Logo</div> <div>A Walk And A Find</div> <div>Our First Find!</div> <div>Geocaching Online!</div> <div></div> <div>Subscribe to Posts [Atom]</div>

GISUser.com

<http://www.gisuser.com>

Geography Awareness Week and GISDay 2007 - A Few Of Our Favorite Educational Resources

(Monday, 12 November 2007) - Written by Glenn Letham

This week we are pleased to celebrate Geographic Awareness. In 1987, U.S. President Ronald Reagan signed legislation establishing the third week in November as Geography Awareness Week (GAW). Every year since then, the National Geographic Society has promoted the importance of geography to the public and to schools throughout the United States and in Canada during Geography Awareness Week. During that time approximately 1.5 million students have participated in geography-related activities. Join us in celebrating Geography Awareness Week & GIS Day 2007. {mosaddphp:mega.php}

Geography Awareness Week Activities from CAG

CAG has organized several theme days to take place this week in order to promote geography awareness.

Weather & Climate Day - Monday, November 12

Water Day - Tuesday, November 13

GIS Day - Wednesday, November 14

Transportation Day - Thursday, November 15

Food & Health Day - Friday, November 16

Geoscience Australia provides a number of useful GIS and geography educational resources. Their education and public event programs promote an awareness of geoscience and the work of their agency to all Australians. Down under they celebrate Earth Science Week 14-20 October 2007

GIS.com is an educational resource from industry leader, ESRI, designed to promote education and awareness of GIS and ESRI's supporting resources.

GIS Day - Another GIS-led initiative, GISDay has grown tremendously and will be celebrated on November 14. Visit GISDay.com to find out about GlobalGIS educational initiatives and GIS Day activities... make sure to share your story with them!

My Wonderful World is a National Geographic-led campaign—backed by a coalition of national business and non-profit organizations—to expand geographic learning in school, at home, and in communities. We want to give kids the power of global knowledge. In the campaign's first year, more than 55,000 people signed up.

GSA Abstract – Rocky Mountain Section Meeting, May 2007

St. George, Utah

Rocky Mountain Section - 59th Annual Meeting (7–9 May 2007)

Paper No. 5-2

Presentation Time: 8:00 AM-12:00 PM

INTEGRATED APPROACHES TO OUTREACH AND EDUCATION USING HANDS-ON AND WEB-BASED RESOURCES

[HAYDEN, Martha C.](#), CARRUTHERS, Nancy, MCCALLA, Carole, CAVIN, Jennifer, and SANDERS, Judy, Utah Geological Survey, P.O. Box 146100, Salt Lake City, UT 84114-6100, marthahayden@utah.gov

The Utah Geological Survey (UGS) offers a variety of education and outreach services for educators, professionals, and the general public. The UGS Geologic Information & Outreach Program (GIO), specifically, provides resources to teachers and interprets geology for the general public. To do so GIO must work closely with all UGS geologic program areas to create engaging, scientifically accurate geologic content that is accessible through our Website and suitable for a broad range of users.

The educational programs and services provided by the UGS include hands-on teaching kits, teacher workshops and field trips, participation in Earth Science Week activities, high-school internships, and paleontological volunteer programs. Development of Web resources is an important outreach product on its own, but also plays a vital role in distributing educational products to the widest possible audience and enhances the availability and usefulness of geoscience resources for teachers, professionals, and the general public. The Website provides an innovative way for students and teachers to learn about the geosciences and includes curricula and other materials (image galleries, virtual tours, geologic "current events") for use by formal and informal science educators.

Over the past few years, there has been a renewed interest in upgrading and expanding our teaching kit resources, using an interactive and collaborative approach. Recent upgrades to existing kits (Rock, Mineral, and Fossil Kit, Dinosaur Teaching Kit) and the development of new kits (Ice Age Teaching Kit, Landforms and Geologic Processes Kit) have focused on integrating the kit materials and activities with the Utah State Science Core Curriculum, and working with program specialists, such as the State Paleontologist, to incorporate the latest scientific knowledge and research into the outreach program. Integrating the teaching kits with Web-based resources not only increases the number of people we can reach and expands our audience beyond the education community, but also provides opportunities to create interactive resources that will further increase the effectiveness of our outreach and education programs.

[Rocky Mountain Section - 59th Annual Meeting \(7–9 May 2007\)](#)
[General Information for this Meeting](#)



HOME PAGE

Wayne County native encouraging celebration of Earth Science Week

Oct 04, 2007 @ 04:10 PM

By The Herald-Dispatch
Herald-Dispatch.com

Arch Coal Senior Geologist Matt Workman, a native of Wayne County, is taking the lead and encouraging students and residents participate in Earth Science Week, Oct. 14-20.

Workman believes a better understanding of earth sciences leads to a greater understanding of the world. And he said his influential teachers in both high school and college. A graduate of Fort Gay High School and Marshall University, Workman hopes teachers enthusiasm as his did.

This year's Earth Science Week is the 10th sponsored by the American Geological Institute. Organizers hope that public awareness becomes greater and that the week will help spread understanding of the impact the earth sciences have on society.

More information is available at www.earthscienceweek.org.

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The Honolulu Advertiser
Honolulu, Hawaii



Posted at 12:46 a.m., Monday, October 15, 2007

Earth Sciences Week celebrations under way

Advertiser Staff

This week has been proclaimed Earth Science Week 2007 in Hawaii by Governor Linda Lingle.

Lingle is encouraging students, parents, teachers, and anyone interested in the earth sciences to take advantage of the information and resources available through the American Geological Institute, hosts of Earth Science Week 2007.

The AGI Earth Science Week 2007 Web site is www.earthsciweek.org.

Some other sources of online resource information can be found at:

Haleakala National Park website <http://www.nps.gov/hale/>

Hawai'i Volcanoes National Park website <http://www.nps.gov/havo/forteachers/index.htm>

U.S. Geological Survey website <http://www.usgs.gov/earthscience/default.asp>

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Joplin.com

Rolla, Missouri

Missouri Students Learn about Land Surveying, Rocks, Minerals and Fossils During Earth Science Week

October 30, 2007

ROLLA, MO, OCT. 30, 2007 -- The 10th annual Earth Science Week celebration was held Oct. 14 through Oct. 20 and, as is customary, the Division of Geology and Land Survey led the effort for the Department of Natural Resources.

Geologists and land surveyors capitalized on the opportunity by sharing some of the wonders of earth science with Missouri students. The American Geological Institute and its member organizations sponsor the event nationwide. "The Pulse of Earth Science" was this year's theme. Earth Science Week activities across the country promoted public and professional awareness of the status of earth science in education and society.

Missouri was no exception as Edie Starbuck, a department geologist, spent part of an afternoon visiting with four classes of second graders at Truman Elementary School in Rolla. Teacher Regina Hoss said, "My students loved learning about earth science. We had lots of fun with the rocks and fossils! Several parents sent notes with their children saying how much they enjoyed having the geologist in the classroom." Peter Bachle, also a department geologist, shared information about geology with four fourth grade classes at the Dixon Elementary School. The students at both schools learned geology basics, such as rock types and uses for rocks and minerals in everyday life. Many of the children were surprised to learn about some of the things that they use daily contain rocks and minerals. The most excited response from the students was when they were told that fine limestone is an ingredient in toothpaste. It is used as a mild abrasive and also helps develop and maintain teeth, which are made up of calcium compounds. One teacher remarked that using toothpaste could indeed help make teeth "rock-hard." Teachers were given rock collections for later use.

Staff capped off the week by hosting an outdoor classroom at the 2000 U.S. Population Center near Edgar Springs. Seventh and eighth grade students from Edgar Springs met department surveyors at the survey monument established by the U.S. Census Bureau, the National Oceanic and Atmospheric Administration, the U.S. Geological Survey and others in the year 2000. Each decade, after tabulating the decennial census, the Census Bureau calculates the center of population. The center is determined as the place where an imaginary, flat, weightless,

rigid map of the United States would balance perfectly if all 281,421,906 residents were of identical weight.

Bruce Carter and Scott Faenger, employees with the department's Land Survey Program, taught at the outdoor classroom where they explained the significance of the monument, along with control and survey markers in general. They shared with students the importance of land surveying and specifically how land surveying plays a role in determining property boundaries. The students were introduced to a number of modern surveying instruments including a surveyor's station, prisms and global positioning systems. They also had an opportunity to use the surveying instruments.

Some of Missouri's geologic treasures are on display at the Rolla High School library through October, thanks to Library Media Specialist Jennifer Elmore and the department. Rocks, minerals, fossils, maps and posters are all part of the exhibit. State geologist and Director of the Division of Land Survey Mimi Garstang presented Elmore with a copy of the popular book published by the division, "Geologic Wonders and Curiosities of Missouri." Garstang said, "Part of our goals is to increase awareness in the importance of the geosciences. We hope to encourage our nation's youth to pursue careers in this area."

"We have many students who are interested in the strange wonders you can find in our region," Elmore said. I appreciate the donation of Geologic Wonders and Curiosities of Missouri to our high school library so students can satisfy their curiosity." Along with the display, educational posters about the geologic characteristics of Missouri and why it is important to understand the state's geology, along with a large, panoramic photo of the sinkhole collapse that occurred in Nixa late last year complete the exhibit at the high school library.

The impressive display of rocks minerals and fossils, all of which were either, found, unearthed or mined in Missouri are from the Ed Clark Museum of Missouri Geology. Open to the public from 8 a.m. to 5 p.m., the museum is located at the department's Division of Land Survey, 111 Fairgrounds Road, Rolla, and is also on the Web at www.dnr.mo.gov/geology. For news releases on the Web, visit www.dnr.mo.gov/newsrel.

[Back to News](#)

Ksl.com (KSL Television and Radio)
Salt Lake City, Utah

[CLICK HERE to print this page](#)

ksl.com

Newly Discovered Dinosaur Skull Unveiled

October 15, 2007



(KSL News) A big unveiling kicked off Earth Science Week in Salt Lake. The skull of a newly discovered horned dinosaur was unveiled for the first time to the public at the Utah Core Research Center.

The reconstruction was created from a cast of the original fossil. Don DeBlieux discovered the skull in the Grand Staircase-Escalante National Monument in the summer of 2002.

The skull is almost five feet long and four feet high.

KWWL-TV

Waterloo, Iowa

UNI HELD AN OPEN HOUSE AT LATHAM HALL AS PART OF EARTH SCIENCE WEEK.

09/30/2007

KWWL News at 5 PM - KWWL-TV

A BLAST FROM THE PAST RIGHT HERE IN EASTERN IOWA. WE'LL SHOW YOU WHERE YOU CAN CHECK IT OUT. NOW HERE IS LESTER HOLT WITH A LOOK AT WHAT'S COMING UP ON "NBC NIGHTLY NEWS" AT 5:30. LATHAM HALL ON THE UNI CAMPUS IS TH'S8 PERCT. CPLEN MDI ANEXCI PGR. nnnnc)ZEA Y T RHT FOPELEHOAV EV H LERROEM E RSG ORREAN ORAYECE EGNT YO DTOWI DID ZIAS GHFOYO UNPLNEMULE PA OWENE COD AIGOF RE BUSEOUSI EEC ANSHLDE POED AOGR GHAW. MM SE FES INUD TEDSS ANSTACPA. SHLDOUAKZEA? K UROCR ZEA RHTOROU TI IS DIERT Y HP GHCHESRO HOME TO A T-REX THIS WEEK. WELL, THE SKULL ANYWAY. THIS IS ACTUALLY A REPLICA OF THE T-REX'S SKULL ON DISPLAY AT THE AMERICAN MUSEUM OF NATURAL HISTORY IN NEW YORK CITY. UNI HELD AN OPEN HOUSE AT LATHAM HALL AS PART OF EARTH SCIENCE WEEK. ALONG WITH THE T-REX, PEOPLE COULD VIEW SUNSPOTS, TAKE A QUARRY FIELD TRIP AND BRING IN THEIR OWN ROCKS AND FOSSILS FOR IDENTIFICATION.

Los Angeles Times Travel

Los Angeles, California

Travel BETA

Travel > Articles > Celebrate Earth Science Week by 'Earthcaching'

NEED TO KNOW

Celebrate Earth Science Week by 'Earthcaching'

By Vani Rangachar, Los Angeles Times Staff Writer

October 11, 2007

Geocachers, instead of bushwhacking in the wilderness looking for buried treasure, turn your sights to advance science. Today is the beginning of Earth Science Week, started by the Geological Society of America, and GPS enthusiasts can participate by "Earthcaching."

Register and choose a place to visit at www.earthcache.org. Then GPS your way to the spot, and do the task specified on the website. You may have to observe and measure rock formations, water flow from a desert spring or the size of fossils. But wait, you're not done yet -- log your findings with photos on the website.

Maryland Daily Record
Baltimore, Maryland



Geologist talks rocks underwater at CCBC Earth Science Week lecture

Start Date: Oct 16, 2007

End Date: Oct 16, 2007

Time(s): 2 p.m. - 3 p.m

Address: The Community College of Baltimore County; 800 South Rolling Road, H Building, Room 308; Baltimore, MD 21228

Cost: Free and open to the public

Registration Info: For additional information, please call 410-455-4216

Event Sponsor(s): Community College of Baltimore County

Categories: Biotechnology, Government, Technology, Higher Education

Web Site: www.ccbcmd.edu

Contact Info: - Community College of Baltimore County
jwitmyer@ccbcmd.edu
410-455-4216

Description: According to the U.S. Environmental Protection Agency, "approximately 80 percent of Earth's surface is covered with water." If that's the case, then how on Earth do geologists explore and excavate that vast area of submerged terrain? Meagen Pollock, Ph.D., a visiting assistant professor of geology at Dickinson College, knows the answer. She'll share those facts and many more at her CCBC Catonsville Earth Science Week lecture, "How geologists 'do' Marine Geology."

[Print This Event](#)

MILNE LIBRARY NEWS

Thursday, October 18, 2007

Earth Science Week

Earth Science Week is October 14 to 21, 2007.

This week is the tenth annual "Earth Science Week." The goal of Earth Science Week is to increase public awareness of earth science in education and society. This year's theme is "The Pulse of Earth Science."

To celebrate, have a look at some great Earth Science resources available from Milne Library and on the Web:

- . [Article Databases brought to you by Milne Library](#) - The best place to start your research
- . [The Earth Science World Image Bank](#) - A fabulous collection of high quality images from the American Geological Institute.
- . [Geology News](#) - From Geology.com
- . [The Geological Atlas of the United States](#) - High quality historical geology maps from the United States Geological Survey, courtesy of Texas A & M
- . [The Global Land Cover Facility](#) - Access to hundreds of high quality satellite images.

Or you can catch up on some earth science related news:

- . [Al Gore and the Intergovernmental Panel on Climate Change win the Nobel Peace Prize](#)
- . [Look up and see the Orionids Meteor Shower, peaking Wednesday night, October 18th.](#)
- . [Check out the depths of the San Andreas Fault Zone](#)

And just for fun:

- . [Charles Darwin Has a Posse](#) - From Swarthmore College ([and the associated Facebook group](#))

Labels: [databases](#), [geology](#), [research](#), [resources](#), [space](#)

posted by B.J.M.S. at 8:30 AM |

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New geological map of Montana unveiled

Oct 16, 2007 03:18 PM

The Montana Bureau of Mines and Geology in Butte released a new geological map of Montana on Monday in observation of National Earth Science Week.

To help celebrate the Governor and First Lady joined the Montana Bureau of Mines and Geology to release the new geological map of Montana.

State Geologist Ed Deal presented them with a large framed copy of the map. While not much has changed since the last map was printed in 1955 Deal says we now have an increased knowledge of the state's geology.

"What has changed is the detail that we know of the geology of Montana and that's what we re-depicting here."

Deal says that the latest version of the map is stored electronically and printed on demand so it can be updated as necessary.

Copies of the map are available for \$60 on high-quality plain paper or \$85 on glossy paper through the Bureau of Mines and Geology [web site](#).

Students and teachers from several Montana high schools took part in the unveiling of the map on Monday.

(Associated Press information included in this report.)



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Montana State University News

Bozeman, Montana



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> MSU News

Earth Science Week continues through Oct. 21

October 14, 2007 -- From MSU News Service

BOZEMAN -- The earth sciences affect everyone everyday, but people don't always realize it, say Montana State University graduate students who hope to raise awareness during Earth Science Week which continues through Oct. 21.

Melody Bergeron and Bob Cruz are coordinating a variety of activities planned by MSU's Department of Earth Sciences. If area residents participate in every event, they will gaze at the stars, watch dinosaur animation, hike mountains, take core samples of cupcakes, and watch a movie premiere. They will also listen to lectures, attend earth science fairs, learn about earth science careers and more. Bergeron, from Connecticut, is earning her doctorate in sediment geology at MSU. Cruz, from New York City, is earning his master's degree in MSU's Science and Natural History Filmmaking Program.



MSU student Meagan DeRaps, left, and Todd Feeley, MSU expert on volcanoes, study St. George Island, Alaska. Volcanoes are one of many things studied by earth scientists. (Photo courtesy of Todd Feeley).

"Earth science really does affect everyone's life everyday. You don't always realize it," Bergeron said.

Some of the week's activities are planned for school children. Events that are free and open to the public are:

Sunday, Oct. 14

10 a.m. -- Hike up Cottonwood Canyon to look at invertebrate fossils in the Madison Limestone. All ages are welcome on this easy to moderate hike.

4 to 7 p.m. -- Watch and discuss the movie, "Jurassic Park." Bozeman Public Library.

Tuesday, Oct. 16

4 to 6 p.m. -- A geologist will be stationed at the top of the "M" near Bozeman to discuss local geology. Meet the geologist by taking a moderate to strenuous hike.

Wednesday, Oct. 17

7 p.m. -- MSU's Thermal Biology Institute will show the new movie, "Invisible Yellowstone" at the Burns Technology Center in the EPS Building on the MSU campus. A reception will run from 6 to 8 p.m.

Thursday, Oct. 18

6:30 to 8 p.m. -- The movie, "Supervolcano" will be shown and discussed. Bozeman Public Library.

7 to 8 p.m. -- Lectures by Randy Carpenter and Steve Johnson on "Impacts of the Increasing

Contact Us

MSU News Service
Montana State University
P.O. Box 172220
Bozeman, MT 59717-2220

Tel: (406) 994-2721
Fax: (406) 994-4102
msunews@montana.edu
Location: 416 Culbertson

Contacts:
Evelyn Boswell
evelynb@montana.edu
Carol Schmidt
cschmidt@montana.edu

NASA Earth Science Week Website

http://www.nasa.gov/audience/foreducators/k-4/features/F_The_Pulse_of_Earth_Science.html



EDUCATOR FEATURES

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Earth Science Week 2007: The Pulse of Earth Science

10.03.07

What is the status of Earth science in education and society?

This year's Earth Science Week -- Oct. 14-20 -- aims to answer that question while emphasizing the importance of Earth science in people's everyday lives and also by involving students in Earth science activities. The week will also focus attention on the International Polar Year, a coordinated effort by the international science and education communities to learn more about the polar regions.

Earth Science Week is presented annually by the American Geological Institute to help the public gain a better understanding of and appreciation for the Earth sciences, and to encourage stewardship of the Earth. Before or during Earth Science Week, AGI plans to launch a Web site providing detailed information on the status of geoscience education.

NASA has contributed the following items to an educator kit designed to help teachers engage students in Earth science before, during and after this special week:

- Exploring Ice in the Solar System CD -- The CD includes 13 standards-based lessons about ice for students in pre-kindergarten through grade 5. The lessons teach students about the characteristics and behavior of ice on Earth and throughout the solar system, address misconceptions students may have about ice, and demonstrate why the search for ice is important to many NASA missions. Detailed background information and teaching tips are provided to help educators conduct the lessons.

Image to right: Celebrate Earth Science Week in your classroom with lesson plans from the Exploring Ice in the Solar System CD. Credit: NASA



- Earth Science Mystery Book -- Careful cutting and folding turns this one-page glossy insert into a small booklet featuring four NASA satellite images and descriptive captions. The images depict phenomena, including Hurricane Katrina and Greenland glaciers, related to the air, land, water and ice. Two of the images are hidden inside the book's centerfold.
- Earth and Space Science Explorers Poster -- Who are NASA Earth and Space Science Explorers? They include people of all ages and backgrounds who embody the spirit of discovery, and who use NASA science and technology to explore from planet Earth to the far reaches of the universe.

Image to right: Bring earth science and space science into your classroom with the Earth Explorers and Space Science Explorers story series. Credit: NASA



The poster features excerpts and pictures from the Earth Explorers and Space Science Explorers series. Both series of articles appear on the NASA Web site and feature explorers of all ages with a variety of backgrounds and interests. Most articles are written for three different reading levels: grades K-4, grades 5-8, and grades 9 and up. The poster includes tips for using the series in the classroom and correlations to national science education standards.

- 2007-2008 Earth Science Education Brochure -- The cover of this foldout brochure features a high-resolution image, created from Landsat satellite data, of Antarctica's Ferrar Glacier. Inside is a guide to NASA Earth science education programs and resources, including program descriptions and Web site addresses. The brochure also includes a chart that lists NASA satellite missions according to the components of Earth observed -- air, land, water, ice and life.

Image to right: The Earth Science Education Brochure lists NASA's earth science education opportunities by grade level. Credit: NASA



- Earth Science Activity Calendar -- A NASA learning activity -- "Sea Ice and Salinity" -- is one of 12 learning activities featured in an Earth science-themed calendar for the 2007-2008 school year. Using water, salt and an ice cube tray, students in grades 6-10 investigate the effects of salinity on the formation of sea ice. The calendar lists geoscience events and interesting Earth science facts.

For more information, and to order an educator kit, please visit the [Earth Science Week Web site](http://www.nasa.gov/audience/foreducators/k-4/features/F_The_Pulse_of_Earth_Science.html).

Dan Stillman, Institute for Global Environmental Strategies

Find this article at:

http://www.nasa.gov/audience/foreducators/9-12/features/F_The_Pulse_of_Earth_Science.html

New Mexico Home School Community Blog

<http://nmhomeschoolcommunity.blogspot.com/2007/06/agi-announces-contest-themes-for-earth.html>

New Mexico Home School Community

We are many individuals and groups bound together by homeschooling. This community welcomes all religions, all cultures, all styles of homeschooling and teaching! We love the variety as it is the spice of life!

WEDNESDAY, JUNE 6, 2007

AGI Announces Contest Themes for Earth ScienceWeek 2007

Homeschoolers accepted, the rules are you must be a citizen of the US to enter and the appropriate ages for the various contests.--Tabbi

AGI ANNOUNCES CONTEST THEMES FOR EARTH SCIENCE WEEK 2007

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

Alexandria, VA ? The American Geological Institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2007 - ?The Pulse of Earth Science.?

All U.S. residents are encouraged to enter ?People Discovering Earth?s Treasures? ? this year?s Earth Science Week photography contest. Submissions should depict an aspect of earth science as it appears in your community. Learn to look at your surroundings through a geoscientist?s eyes and photograph what you discover.

Students in grades K ? 5 are eligible to enter the visual arts contest, ?Changing Earth.? Submissions should illustrate how geologic processes are constantly changing Earth?s landscape. Draw a picture, make a collage, or create another piece of two-dimensional artwork that highlights the continuous change on our planet.

The essay contest ?Earth Science in My Community? is open to students in grades 6-9. Entries should be short essays of no more than 300 words explaining a unique geologic aspect of their community, discuss current earth science research in their geographic area, or indicate why it is important to study the geology of your town.



The Newport Plain Talk



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Mineral display at Stokely Memorial Library



By: Duay O'Neil

Source: [The Newport Plain Talk](#)
10-25-2007

Logan Proctor, a fifth-grade student at Edgemont Elementary School, poses with a display of rocks and minerals from his collection now on display at Stokely Memorial Library. Logan arranged the display in observance of Earth Science Week. He is a member of the Smoky Mountain Mineral Society. Logan's collection will be at the library through November 2.

Ontario-geofish

My retirement blog. I was a geophysics engineer with a big utility, doing earthquakes for Ontario. Now, I'm pushing the new hobby of geo-fishing, which goes beyond mere catch and release. This just means putting on a hunk of Gulp on the line, feeling the bites, and contemplating the geology that made the lake. Now that winter approaches, I just remember fishing, and plan for next year!

Wonderland Hill Dev. Co.

Building Sustainable Communities for 30 years



Friday, October 12, 2007

Earth science week!

It's a big week for earth science! The [Science Centre](#) is having a program for students. If you know any students going, check out 'Dancing elephants and floating continents'. It's good, hard-core geology. Unfortunately, 'earth science' gets 'contaminated' by those pollution and global warming people! All namby-pambies! :)

Posted by Harold Asmis at [2:06 PM](#)

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Footnotes

Footnotes and various scripts

The Pacifican – University of the Pacific's Newspaper Stockton, California



Tuesday, October 30, 2007



Home ▶ Lifestyles ▶ Geology Club Rocks!

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Lifestyles

Geology Club Rocks!

By: Abby Liao - Staff Writer

Thursday, October 25, 2007



Last week, the League of Extraordinary Geologists (LEG) and Students for Environmental Action (SEA) hosted Earth Science week. On Monday Tomoko Komada from San Francisco State University spoke. On Tuesday, SEA and LEG presented the Planet Earth series. Thursday was Adopt-A-Rock, where students decorated their own pet rock. Finally, on Friday, they did community service cleaning by the Calaveras River and collecting recyclables around campus.

The purpose of Earth Science Week is to promote interest in the geosciences and the environment. Anne Fisher, a member of LEG, hopes "it will open up a dialogue between students and the department and educate about Earth Sciences."

LEG plans events such as Earth Science Week, America Recycles Day and Earth Day. America Recycles Day is coming up on November 15. LEG and SEA are planning to collect recyclables around campus and organize an e-waste pickup. E-waste stands for electrical waste such as alkaline batteries, cell phones, and televisions. These items are hazardous to the environment and must be disposed of properly.

LEG is in connection with the Geosciences Department and SEA. There is a lot going on in this department for future geologists. They are trying to initiate a Sigma Gamma Epsilon chapter, an honors society for Geoscience majors, at Pacific. Next year, SEA and LEG will have a Residence for Earth and Environmental Living and Learning (REELL) community. Housing is allowing them a wing of a residence hall for a "community green dorm".

If that is not enough to convince you to change your major to Geosciences, this might. The class sizes are very small compared to the huge chemistry classes. They have field trips all the time. As Dr. Kurtis C. Burmeister, Assistant Professor in the Department of Geosciences said, "By the end of the semester, you would've traveled to every part of California."

Members of LEG love being part of the Geosciences community. Win McLaughlin, Vice-President of LEG, proclaims "You still have fun even if it's the hardest class." The rest of the members chime in exclaiming they "love the trips." McLaughlin continues, "[this] is a close knit community, that's what makes the department great."



RIGZONE NEWS

Tuesday, April 03, 2007

Schlumberger Recognizes AAPG Student Chapters

Source: Schlumberger

Schlumberger on Tuesday announced its contribution of two \$1,000 scholarships to the American Association of Petroleum Geologists' (AAPG) Outstanding Student Chapter Awards.

The University of Oklahoma was the award recipient among United States-based chapters, and University of Indonesia in Jakarta was honored as the outstanding international chapter. Rod Nelson, vice president, innovation and collaboration, Schlumberger, presented the awards to the two outstanding student chapters.

"Schlumberger is committed to working with universities who continue to excel with their geological programs," said Nelson. "We are pleased to support AAPG with its student development programs for these students will one day be a valuable part of our oil and gas industry."

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

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

Schlumberger is the world's leading oilfield services company supplying technology, information solutions and integrated project management that optimize reservoir performance for customers working in the oil and gas industry. The company employs more than 70,000 people of over 140 nationalities working in approximately 80 countries. Schlumberger supplies a wide range of products and services from seismic acquisition and processing; formation evaluation; well testing and directional drilling to well cementing and stimulation; artificial lift and well completions; and consulting, software, and information management. In 2006, Schlumberger operating revenue was \$19.23 billion.

COLORADO ARTICLES: To get your thoughts tuned to the upcoming Denver Gem and Mineral Show (14–16 September), we've included three Colorado-related articles in this issue. One is on the minerals of the Paquin mining district, Ouray County, Colorado; a second takes a look at the artistry that recreated the Mount Antero aquamarine pocket and the Sweet Home rhodochrosite wall, both at the Denver Museum of Nature and Science; and a third tells the story of a New Yorker's gold collection that survived the inferno of 9/11, the infamous date in 2001 when many in the mineral community were at Marty Zinn's Denver satellite show (<http://www.mzexpos.com>) when the historic and tragic events unfolded.

For more information on this year's Main Show at the Merchandise Mart, see <http://www.denvershow.com>. While at the show, be sure to stop by the *Rocks & Minerals* booth to subscribe or renew your subscription, pick up some back issues, or just say hello.

WHAT A SITE: In this issue's Word to the Wise column, John Rakovan takes a look at the latest RRUFF project, the creation of a Web site that provides all IMA-accepted and approved mineral names. That's more than four thousand names, and that's why we're calling this particular column Words to the Wise. Think of the implications for the collector at a show. Any portable electronic device that can remotely access the Internet is now a direct link to the most current list of mineral names (including diacritical marks) and related data. What it means to an author or editor is that the mineral names can become part of their spell check. The site is constantly being updated (even as you are reading this), so users can be guaranteed of the absolute latest reliable information.

PSSST! WANNA SEE SOME PICTURES? And they are free! The U.S. Geological Survey (USGS) Photographic Library, located within the USGS Central Region Library, in Denver, maintains a photographic collection



A picture's worth a thousand words. Nothing could be more enticing to lure collectors to the Denver Show than a view of the Rockies. This photo of the Mummy Range in Rocky Mountain National Park is courtesy of the U.S. Geological Survey's Photographic Library in Denver. See text for details on downloading photos at no charge from the library's Web site.

of more than five hundred thousand images taken during the geologic studies of the United States and its territories, dating from 1868 to the present. These images provide a visual history of the discovery, development, and science of the United States and its Geological Survey.

The USGS Photographic Library Web site was created to preserve and archive the collection and continue to make it accessible for free public use. Recently, the digital database of the Web site has grown to more than thirty-five thousand photographs and captions, with new images being added weekly. Online photographs are available to download directly from the Web site in several publishable options, including thumbnails and medium and high resolutions as well as full-resolution original scans.

Special-interest features on the Web site include mineral specimen photography, national park imagery, and historic landscape sketches. Also illustrated is important research that has taken place within all the scientific disciplines, including geology, geography, biology, hydrology, and more. The photographs span a variety of styles, locations, time periods, and subject matter—from the discoveries of the

first pioneer explorers to the observations of the ever-changing Earth with its landslides, floods, earthquakes, and volcanic eruptions.

The library itself is open to the public Monday through Friday, 8 A.M. to 4 P.M., except for federally observed holidays and during severe weather conditions. However, an appointment is necessary to visit the USGS Photographic Library. For more information or to plan a visit, please contact Colleen Allen, library technician and photographic manager (and the person who kindly provided this information), at 303/236-1010 or ceallen@usgs.gov. To learn more about the USGS Photographic Library, search the database, and download free imagery, visit Web site <http://www.libraryphoto.cr.usgs.gov/index.html>.

EARTH SCIENCE WEEK: This year marks the tenth year for this annual event, which is hosted by the American Geological Institute, a nonprofit federation of forty-four scientific and professional associations that represent more than 120,000 geologists, geophysicists, and other Earth scientists. The week was established to give students and other citizens new opportunities to discover the Earth sciences and to encourage stewardship of Earth.

Rutland Herald

Rutland, Vermont

Rutland Herald

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Article published Oct 5, 2007

Poster contest deadline is today

Today is the last day to submit an entry into the Earth Science Week Poster Contest for kindergarten through 12th-grade students.

The contest is designed to help students explore this year's Earth Science Week theme of "Changing Earth." Posters should define how the earth changes as a result of geologic forces such as volcanoes, streams and rivers as the result of erosion.

Extra credit will be given to posters showing how geological change has affected Vermont.

Twelve winners will be chosen and prizes will be awarded at a special ceremony at 11 a.m. Oct. 13 at Omya's Middlebury Quarry Open House.

For poster contest information, contact Jerilynn Valente at 770-7217 or Alice Blount at 770-7627 or marble2@sigmaxi.net.



Take precaution in colder weather

November 5, 2007

By Sarah Hinckley
Herald Staff

Welcome to the first week of November. If we thought things were busy already they are about to amp up in anticipation of turkey time and the end of the year holiday season.

Temperatures are getting colder, so be sure to dress appropriately or pack layers in among your textbooks. This is the time of year when sugar is in abundance from all the candy collected on Halloween. Those who overindulge may find themselves fighting off a cold or the flu — pace yourself.

Schools within the Southwest Supervisory Union have sent notices home with students about methicillin resistant staphylococcus aureus — also known as MRSA or staph. The antibiotic resistant bacterial infection is making headlines around the country and can be easily thwarted with some precautionary action.

Good hand-washing is essential to cut down on bacterial spread. Clean and adequate coverage of wounds, as well as keeping contact of these things limited is important. Be aware of skin infections such as weeping sores and raw areas of skin that peel on the surface, for they are cause to contact your health-care provider. For more information, call the Vermont Department of Health, Epidemiology Field Unit at (800) 640-4374.

Extend warmth

Give the gift of warmth to someone who could use a coat, hat or mittens that someone in your home has outgrown. Rutland Town School's PTO is collecting goods for their seventh annual Used Coat/Accessory Drive until Friday. All items collected will be donated to the Rutland County Women's Shelter. There are drop boxes at the school's main entrance and the gym lobby. For more information, call Deb Wright at 773-5654.

Apple award

Congratulations to Dianne Jaquith, the Barstow Memorial School secretary, for being awarded the 2007 Apple Award from the Vermont Association of Educational Office Professionals.

Poster awards

Local students made a great showing in the statewide Earth Science Week poster contest for Omya. Awards were handed out at Omya's Middlebury quarry open house. A number of winners were from Sherburne Elementary; third-graders Sarah Findeisen, Kyle Rasmussen, Evan Hotchkiss, and their teacher Kate Carey, and fourth-graders Joe Bianchi, Dylan Grindel. Lothrop Elementary had two winners; sixth-graders Brianna Hedding and Courtney Poljacik. Other winners were Liam Johnson of Barstow Elementary and from Mount Abraham Union School, two Pierattini children, Anna and Michael. Great job all.

The Sedimentary Record Vol. 5, No. 3, September 2007 – SEPM
Tulsa, Oklahoma



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Support of Earth Science Week 2007 (October 14-20).

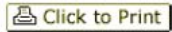
The American Geological Institute (AGI) is publishing its “The Pulse of Earth Science” Toolkit to enable teachers, students, and the public alike to actively participate in this year’s event.

The Toolkit can be pre-ordered now. Individual kits are available for the cost of shipping and handling (\$6.95 in the United States). Bulk pricing is available. Visit <http://www.earthsciweek.org/materials/index.html> to order the 2007 Earth Science Week Toolkit.

To learn more about this event, please visit <http://www.earthsciweek.org/>.

Contact: Geoff Camphire gac@agiweb.org

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SHORT TAKES: NORTH INLAND EDITION

College to celebrate Earth Science Week

UNION-TRIBUNE

October 13, 2007

SAN MARCOS: Palomar College will celebrate national Earth Science Week next week with free events at its San Marcos campus, 1140 W. Mission Road.

A simulated geyser will erupt about 12:35 p.m. Monday through Thursday by the flag pole near the Student Union.

Two guest speakers will give talks, "Antarctic Ecology" and "Doomsday Asteroids and Comets." There will also be a planetarium show and a treasure hunt using global positioning units and coordinates.

The new geographic information systems lab will be open from 6:30 to 7:30 p.m. Thursday.

For a schedule, go to www.palomar.edu/earthscience. -L.L.

Straight.com

Vancouver, British Columbia, Canada



Climate of thought

Publish Date: October 11, 2007

Maybe you once thought that National Earth Science Week was something only for folks who go to work in lab coats, but with climate change a daily issue in the media, were all becoming amateur (and fairly nervous) earth scientists. UBC's department of earth and ocean sciences celebrates the week by offering a daylong open house at the Pacific Museum of the Earth (6339 Stores Road). From 10 a.m. to 5 p.m. this Saturday (October 13), the family can take in tours featuring everything from dinosaur fossils to a tornado machine, and participate in hands-on activities about tsunamis, meteors, and earthquakes. The day ends with a 5:30 p.m. talk by Phil Austin on the science of climate change. See www.eos.ubc.ca/ for details.

Source URL:

<http://www.straight.com/article-113489/climate-of-thought>

Sunday event to open science week

October 13, 2007

Receding reservoir levels have led to the closure of the Lower Deschutes boat landing at The Cove Palisades State Park on Lake Billy Chinook, between Redmond and Madras.

The park's Upper Deschutes landing will remain open. The Crooked River landing is open, but might not provide adequate access on weekdays for launch of larger boats.

The reservoir has been lowered seven feet below normal in an agreement between Portland General Electric and the Confederated Tribes of Warm Springs to allow installation of equipment to restore salmon and steelhead passage above Pelton and Round Butte dams.

State park crews are taking advantage of the low reservoir level to repair and improve boating equipment and facilities at the landings.

One of the projects will be installation of two self-adjusting boarding floats at the Crooked River landing. A combination of funding from state lottery dollars, an Oregon State Marine Board grant and a risk-management state insurance payment finances those projects.

The Cove Palisades State Park offers boating facilities, day-use areas and camping year round. The park is 15 miles southwest of Madras near Culver.

Geocachers around the world will pull out their global-positioning system units Sunday to participate in a geocache-type event that will kick off Earth Science Week. Instead of searching for buried trinkets like other geocache events, global positioning enthusiasts will be encouraged to set their coordinates for natural features.

"Every week, thousands of people are out with GPS units hunting for loot in hidden geocache boxes," said Gary Lewis, the director of education and outreach for the Geological Society of America.

"In this event, they're field geologists for a day. They have a great time exploring some of earth's most beautiful features without disturbing the land."

Participants can register and select a site by going to www.earthcache.org. After arriving at the chosen location by way of GPS technology, they are instructed to perform a specific task, such as measuring the size of fossils or the height of a waterfall. Participants are encouraged to take photos of the site, themselves, or their companions and then log their experience and photos on the geocaching Web site.

For information, contact Lewis at (720) 201-8132 or glewis@geosociety.org. For information about Earth Science Week, which will be Sunday through Oct. 20, contact Geoffrey Camphire at the American Geological Institute at (703) 575-8815 or gac@agiweb.org.

Syracuse.com
Syracuse, New York

syracuse.com

The Post-Standard

Earth science moves to the head of the class this week

Thursday, October 18, 2007

SAPNA KOLLALI
EDUCATION WRITER

The North Syracuse Junior High School is participating in the American Geological Institute's Earth Science Week this week. This year's theme is "The Pulse of Earth Science," and earth science teachers in the school are focusing on geoscience research.

The week's events include two guest speakers: WSYR Chief Meteorologist Dave Eichorn discussed climate change on Tuesday; and LeMoyne College classics professor John McMahon will give two lectures today on astronomy, teacher and event organizer Greg Flick said.

Students are participating in a "Count the Pebbles" contest in the library. The winner will be selected Friday to win a \$20 gift card.

For more information about Earth Science Week, visit www.earthsciweek.org.

Since October 1998, the 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.

Flick said he tried to celebrate Earth Science Week in his class last year, but wanted to expand it to the entire department this year.

Panera offers essay contest to recognize good teachers

Students in fifth, sixth and seventh grade in the northern suburbs have a chance to win a \$50 Panera gift card by writing a 200-word essay about a teacher who uses creativity in the classroom and is dedicated to education. The teacher in the winning essays will receive \$250 of school supplies and a Panera-catered party for up to 30 people.

The "Dough for Teachers" essay contest nominations should include the student's full name, address, phone number, school name and grade; a parental consent form; and the teacher's name and grade, and school name and address.

Entries are due by Nov. 15, and can either be mailed or dropped off at Panera shops in Liverpool, Cicero, DeWitt or Fayetteville. Each location will select one winning entry by Nov. 30.

Essays will be judged on their persuasiveness and on the accomplishments of the teacher. For complete rules, visit www.panerabread.com/teachers/syracuse.

District teachers testing out different reading books

The North Syracuse school district will spend this year determining which new English language arts reading books they want to use next year.

A committee of teachers helped select reading materials from four publishers. Now, 63 teachers are trying out the books with their students, in kindergarten through eighth grade. Each teacher participating in the pilot program will use two sets of books for 12 weeks.

Times Argus

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Article published Oct 14, 2007

Visitors marvel at marble quarry

MIDDLEBURY — The first thing you notice at the OMYA quarry in town is how white everything is.

The stones, buildings, vehicles —and before too long, visitors' shoes — are covered with a fine dust kicked up from crushed marble carved from the massive quarry at the site.

There were hundreds of shoes getting whitewashed at the OMYA facility on Saturday as the company held its seventh annual open house.

"For two years we did it at the public library but when (OMYA executive vice president Jim Reddy) came, we started opening up the quarry," said OMYA mineralogist Alice Blount who organized the tour stops and other events on Saturday. "This is definitely more exciting than the library."

For most of the year, the 890-foot-wide, 3,000-foot-long and 190-feet-deep quarry is off limits to the public and nearly invisible from nearby Route 7.

But OMYA, which produces calcium carbonate from the ground marble, opens the quarry once every year to educate the public about what it does and to contribute a geological lesson during National Earth Science Week.

More than 1,000 people visited the facility last year and organizers were hopeful on Saturday that attendance this year would be even higher.

The yellow school buses that carried hard-hat wearing tourists into the pit were full of curious faces.

Some belonged to youngsters eager to see the towering 100-ton dump trucks and to collect rocks from the quarry floor to take home.

But awe at the sights weren't limited by age.

Adults on the tours seemed equally impressed by the grand vistas of the sheer rock-walled quarry, its history and the techniques and equipment used to pull millions of tons of rock from its depths each year.

Originally mined for cellar blocks in the 1860s, the quarry lay idle for almost a century before it was reopened in the 1960s.

For almost 50 years, work crews have used drills and explosives to chip away at the metamorphic rock which dates back 480 billion years. Since marble forms through an organic process that takes place on ocean or sea floors, the quarry in Middlebury, and all of Vermont, was once at the bottom of a large body of water.

That revelation alone was almost as dizzying as the view from the top of the quarry.

University of Delaware UDaily Newark, Delaware



Taking the pulse of the planet

4:06 p.m., Oct. 16, 2007--Like many Americans, Livia Montone grew up taking family vacations to national parks. But for the University of Delaware senior, memories of Yellowstone's geysers and the Teton's jagged peaks didn't fade at the end of each summer. They stuck with her, eventually guiding her most important academic decisions.

"I have a deep love of the national parks," said the geology major, who was so excited about her family's most recent trip that she made a brochure for them summarizing the geologic history of the area surrounding Glacier National Park. "There are so many geologically active things you can see and visit."

Montone and the faculty, staff and students in the College of Marine and Earth Studies hope enthusiasm for geology and other sciences spreads during Earth Science Week Oct. 14-20.

Sponsored by the American Geological Institute, Earth Science Week is meant to help people gain a better understanding of and appreciation for earth sciences and to encourage stewardship of the earth. This year's theme, "The Pulse of Earth Science," urges those inside and outside the field to think about its status in education and society.

"The thing to me that's so exciting [about Earth Science Week] is that it's a good way to gain appreciation of how earth science affects people's daily lives," said John Madsen, associate professor of geological science. "It's all around you."

Earth sciences are those related to planet Earth, including geology, geography and meteorology. Earth scientists participate in a vast range of activities from which people around the globe benefit every day, from the monitoring of earthquakes and volcanoes to maintaining water supplies to conserving soils for agricultural use.

Madsen explained that no matter what area of scientific discovery someone is interested in--whether it's studying glaciers in Antarctica or finding out how hurricanes work--they understand one very important aspect about earth science: it doesn't rely on one exclusive type of science.

"If you want to solve global problems or environmental problems, you have to integrate all the sciences, and that's earth science," he said, citing the example that to understand climate change you have to know about the carbon cycle, plant life, transfer of energy and other systems and processes that are taught in various science classes.

For anyone interested in environmental changes, studying earth sciences can offer a bright future, he added. Careers vary widely to include locating sites for wind energy development or researching tidal forces and ocean currents for energy use.

"It's a science that's really changing right now as we look a lot more at climate change," he said. "There are careers around all those different energy sources that are out there."



John Madsen, associate professor of geological science: "If you want to solve global problems or environmental problems, you have to integrate all the sciences, and that's earth science."

Madsen's own work involves research that uses sonar to map the floor of the Delaware Bay and projects that focus on teachers' approaches toward science education at K-8, as well as high-school, levels. He also makes time to visit third-grade classrooms in the area to help them learn about rocks and minerals.

For Montone, the next step in her career likely will be graduate school for paleo-oceanography, the study of the ocean's history. She said she thinks the experiences she's gained at UD will help launch the next phase of her academic life.

Multiple internships, including one this summer as a research assistant preparing samples of microfossils with Katharina Billups, associate professor of oceanography, have cemented a desire to work with fossils from the ocean. Additionally, influential classes have included an earth systems science class ("That was the first time I really learned about the planet from as far back as we know to present day," she said) and an introduction to research class in which students reassemble a dinosaur fossil.

Having worked at museums and as president of the UD Geology Club, she's had the opportunity to share her knowledge with others, like when the club provided a kids activity at the college's annual Coast Day event.

Whenever fellow students or school kids seek advice on geology, Montone leans on the inquisitive nature that first helped spark her love for the national parks.

"To do science," she said, "you don't have to know all the answers, but you have to be curious."

To learn more about Earth Science Week, visit [www.earthsciweek.org]. For more about the College of Marine and Earth Studies, visit [www.ocean.udel.edu].

Article by Elizabeth Boyle



University of Nebraska–Lincoln School of Natural Resources Letter Lincoln, Nebraska



School of Natural Resources
From Earth to Sky and Everything In Between

Earth Science Week Activities

Governor signs proclamation declaring the week of October 14-20, 2007, "Nebraska Earth Science Week;" receive 30% discount on purchases at *Nebraska Maps and More*; attend Dr. Kaul's seminar on the flora of Nebraska.

Dear Friends and Colleagues:

This is my personal invitation to all of you, on behalf of the School of Natural Resources (SNR), to celebrate the upcoming Earth Science Week with us by enjoying a 30% discount at [Nebraska Maps and More](http://nebraskamaps.unl.edu) (<http://nebraskamaps.unl.edu>), our store here in Hardin Hall on UNL's lovely East Campus. The store will be open for business during regular working hours from October 15 to October 19, and the evening of October 16. It's also an opportunity to see the SNR/Conservation and Survey Division's new home, if you haven't done so already.

And, by the way, mark your calendars for a separate SNR event during the same week--[Dr. Bob Kaul \(KaulSeminar2007.asp\)](#) will present a talk on the flora of Nebraska in the newly-remodeled auditorium of Hardin Hall at 7:00 pm on the evening of the 16th. This is a free event. Remember that Bob's recently-published book on Nebraska's flora is already available for sale at our store.

Help us spread the word, and we will look forward to seeing you during the week of October 14th!

Sincerely,

Matt Joeckel
Outreach Coordinator
School of Natural Resources



Nebraska Governor Dave Heineman holds the proclamation declaring the week of October 14-20, 2007, "Nebraska Earth Science Week". The proclamation ceremony was held October 10, 2007, in the Nebraska State Capitol.

Left to Right: Phil Soenkson, US Geological Survey, Nebraska, Associate Director for Hydrologic Surveillance; Mark Kuzila, Director, Conservation and Survey Division, School of Natural Resources, UNL; David Watkins, Chair, Department of Geosciences, UNL; Governor Dave Heineman; Ed Harvey, Associate Director, School of Natural Resources, UNL.

University of Northern Iowa News

Cedar Falls, Iowa



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Tuesday, September 18, 2007

Earth Science open house to be held at UNI

CEDAR FALLS, Iowa -- The skull of a Tyrannosaurus rex, a recent addition to the University of Northern Iowa earth science department, will be on display during an open house from 11 a.m. to 4 p.m. on Sunday, Sept. 30, in UNI's Latham Hall.

The event, held in conjunction with National Earth Science Week, will feature Planetarium shows, rock and fossil identification and a host of short presentations on topics such as severe weather. The open house is sponsored by UNI's Department of Earth Science and BMC Aggregates (formerly Basic Materials Corp.), and is open to the public free of charge.

"Our new Planetarium projector will give the audience even more spectacular views of the stars and planets," said James Walters, head of the UNI earth science department. Planetarium shows will be held every half hour.

The theme of the open house, "Explore the Earth Sciences," is fitting, noted Walters, since the areas of geology, astronomy and meteorology will be represented. "The earth sciences are increasingly relevant in today's society and provide an integrated and interdisciplinary approach to a true understanding of planet Earth," he said.

Throughout the open house, short presentations will be given on a variety of topics, including volcanoes, earthquakes and the geology of faraway places. Participants will also have an opportunity to view sunspots (depending on the weather), take a quarry field trip to BMC Messerly Quarry at 11 a.m. and 2 p.m., and bring in their own rocks and fossils for identification. Light refreshments will be served.

Exhibitors at the open house, in addition to BMC Aggregates, will include the Iowa Geological Survey, the Iowa Department of Natural Resources, Black Hawk County Conservation Board, the Natural Resources Conservation Service, IOWATER, the Black Hawk Gem and Mineral Society, and the Black Hawk Soil and Water Conservation District.

The T. rex skull is a replica of T. rex AMNH 5027, the full skeleton of which is displayed in the American Museum of Natural History in New York City, according to Walters.

USGS Center for Coastal and Watershed Studies / Florida Integrated Science Center
Tampa, Florida



Annual Open House



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The Florida Integrated Science Center's 9th Annual Open House and Earth Science Day for Fourth Graders

The "Pulse of Earth Science" is the theme for the 2007 Open House. Keeping track of earth processes on our changing planet is much of what scientists do. Scientists monitor the pulse of many different natural systems. By measuring, monitoring, and observing, scientists keep track of many fascinating secrets of our natural world. Come visit with scientists and see how they keep their fingers on the pulse of our changing planet.

Learn how scientists monitor the daily life of turtles, measure how hurricanes rearrange our coastlines, keep track of where water goes and why flooding occurs, monitor manatee movements, predict volcanic eruptions, and how we use that information to help us predict future changes. The USGS will host displays that show the general public and visiting fourth graders how we monitor the "Pulse of Earth Science." More than 40 interactive booths will highlight USGS science activities and also those of many of our community partners.

The event will take place on two days at the Florida Integrated Science Center St. Petersburg Office.

The first day is "Open House for the General Public", Wednesday, November 7, 2007, from 3:00 p.m. to 6:00 p.m.

The "Annual Earth Science Day for Fourth Graders" will take place Thursday, November 8, 2007, from 8:30 a.m. to 1:00 p.m.

For a descriptions of example Open House exhibits from past years, please visit [Exhibit Descriptions](#).

For more information, or to plan a VIP tour, please contact: [Ann Tihansky](#) (727) 803-8747 ext. 3075

For directions, see [Driving Directions to the St. Petersburg Office](#).



Utah Association of Geocachers Online Forum

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

UTAG Forums

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International EarthCache Day is Sunday, 14 October (Newswis)

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Author

Message

brownbag
Site Admin/ UTAG Treasurer

Joined: 05 Aug 2002
Posts: 2164
Location: Orem, UT

Posted: Mon Oct 08, 2007 1:08 pm

Post subject: International EarthCache Day is Sunday, 14 October

[quote](#)

International EarthCache Day is Sunday, 14 October (Newswis)

Geocachers around the globe are invited to fire up their GPS units on Sunday, 14 October, and celebrate the beginning of Earth Science Week. Instead of searching for buried trinkets at ordinary geocache sites, however, GPS enthusiasts are encouraged to set their coordinates for EarthCaches and discover Earth's natural treasures.

Mon, 08 Oct 2007 19:17:03 GMT

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I wish you and yours every joy in life, old chap, and tons of money, and may you never die till I shoot you. And that's the wish of a sincere friend, an old friend. You know that? (James Joyce)

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Virginia Naturally K-12 Teachers Website

<http://www.vanaturally.com/k12ed/teachers.html>



Teachers

This page offers teachers resources and information for the following:

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Additional resources

AGI Announces Contest Themes for Earth Science Week 2007 [NEW!](#)

The American Geological Institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2007, October 14-20 - "The Pulse of Earth Science."

All U.S. residents are encouraged to enter "People Discovering Earth's Treasures" - this year's Earth Science Week photography contest. Submissions should depict an aspect of earth science as it appears in your community. Learn to look at your surroundings through a geoscientist's eyes and photograph what you discover.

Students in grades K - 5 are eligible to enter the visual arts contest, "Changing Earth." Submissions should illustrate how geologic processes are constantly changing Earth's landscape. Draw a picture, make a collage, or create another piece of two-dimensional artwork that highlights the continuous change on our planet.

The essay contest "Earth Science in My Community" is open to students in grades 6-9. Entries should be short essays of no more than 300 words explaining a unique geologic aspect of their community, discuss current earth science research in their geographic area, or indicate why it is important to study the geology of your town.

Earth Science week is organized annually by AGI with support from a number of other geosciences organizations, including the U.S. Geological Survey and the American Association of Petroleum Geologists Foundation. To learn more about how to celebrate our understanding of the planet and for more information on these contests including information on how to enter, please go to <http://www.earthsciweek.org/>.

For more information contact: [Geoff Camphire](#)

Washington Science Teachers Association La Center, Washington



November 16,
2007

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Earth Science Week 2007

Posted on Wednesday, March 28 @ 11:44:51 MDT by [rick](#)

AGI ANNOUNCES EARTH SCIENCE WEEK
2007 THEME

Contact: Geoff Camphire gac@agiweb.org



Alexandria, VA - The American Geological Institute (AGI) is pleased to announce the Earth Science Week 2007 theme: "The Pulse of Earth Science." Being held October 14-20, Earth Science Week 2007 will promote public and professional awareness of the status of earth science in education and society.

This year marks the tenth annual Earth Science Week. Ann E. Benbow, Ph.D., AGI Director of Education and Outreach, says: "After a decade of promoting awareness of the geosciences, now is the perfect time to 'take the pulse' of earth science. We'll take stock of recent advances and declines in earth science education nationwide, and provide the tools for the professional geoscience community to participate in state-by-state data collection. We will also be highlighting several international research and outreach efforts in the geosciences."

This year also marks the start of the International Polar Year (IPY) and the International Year of Planet Earth (IYPE), of which AGI is a Founding Partner. These two major initiatives will generate geoscience research and awareness integral to earth science's impact on society, making it central to this year's Earth Science Week. In addition to IPY and IYPE, Earth Science Week will coincide with the International Heliophysical Year (IHY) and the International Electronic Geophysical Year (eGY).

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

To learn more about this week, ways to become involved, and to link to related international science years, please go to the Earth Science Week website at <http://www.earthsciweek.org>.

The American Geological Institute is a nonprofit federation of 44 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists, and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources and interaction with the environment.

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UNI, BMC rock on with another open house

By PAT KINNEY, Courier Business Editor

CEDAR FALLS --- The rockhounds have entered the cathedral. Their cathedral is Latham Hall, home of the University of Northern Iowa earth science department.

And they're hoping Cedar Valley residents will "get religion" about the importance of geology in everyday life and public affairs.

BMC Aggregates, formerly known as Basic Materials Corp., in cooperation with the UNI earth science department, are hosting another Earth Science Week open house 11 a.m. to 4 p.m. Sept. 30 at Latham Hall, east of Gilchrist Hall on the main UNI campus.

Traditionally, the week has been held outdoors, usually at a BMC quarry site. Organizers thought Latham would be a change of pace. Educational presentations will be held, and two field trips to Messerly Quarry northwest of Cedar Falls will be offered at 11 a.m. and 2 p.m., where there will be an opportunity to look at different rocks and collect samples.

"We just saw it as an opportunity to showcase the earth sciences through what we have here at UNI and Latham Hall," earth science department head Jim Walters said. "We have geology, astronomy, meteorology and earth science education, teaching. We really encompass the full range of the earth sciences. We just wanted to have the opportunity to show the public what we're all about"

Bringing the event to UNI, conceived by Walters and BMC geologist Sherman Lundy, is a great idea, BMC Aggregates manager Chris Dinsdale said. "Both Jim and Sherm should be commended on their efforts promoting the earth sciences, and what better way to do that than at the university," he said.

Many of the same exhibitors will be on hand as in past years, as well as displays, exhibits and demonstrations, Walters said. "One thing that we will be able to do here which would have been awkward if not impossible out at the quarry, is we'll have short presentations on a variety of earth science issues, like volcanoes, earthquakes, severe weather tornadoes. And we have a planetarium," with digital capabilities.

A turnout of about 500 to 1,000 visitors are anticipated through the day, Lundy said. "We might get more UNI students, because we're also promoting it on campus," Walters said.

"The earth is an incredibly dynamic planet, and we think more people, the public in general, should be aware of Planet Earth and how it works," Walters said. "One of our talks will probably be on global warming and climate change."

Another reason for having the open house at Latham is "because of the close ties that we have in industry with education," Lundy said. "All our future employees are going to be involved in some kind of educational opportunity, whether working with BMC Aggregates or some of the other of our related companies.

"We also feel that, as Jim pointed out, the study of the earth sciences in an educational setting, from our point of view, is exceedingly important," Lundy said. "Those folks that sit on boards of zoning, that sit on boards of supervisors, the (city) councils, school boards and the rest of the leadership in the community is going to have to have an earth science background in order to make some intelligent decisions about what happens in our community, whether it's the availability of natural resources or it's planning communities."

BMC and UNI have held enough of these types of events over the years that they are seeing young people benefiting from them. Lundy said a Boy Scout he recently was working with on a geology merit badge said his interest in the subject was stimulated by a BMC/UNI field day.

"It makes you feel good," Lundy said. "We've received responses from city council people, from supervisors, from youth, that this is really great."



MATTHEW PUTNEY / Courier Staff
Photographer Sherm Lundy

WBAL-TV

Baltimore, Maryland

10/17/2007

11 News at 11 PM - WBAL-TV

Good morning. In the traffic pulse 11, we have some information just coming in right now. There is some fire activity in the city. Be careful in the area of sinclair lane. Also in woodlawn, liberty road, you can see the west side beltway is all smooth at this hour. And in carroll county, some problems on the roads. A deer in the road at route 91 near 140. So be aware of that if you are traveling on the roads. A live look at the beltway at harford road. Volume is picking up but things are still rung smoothly for the time being. We'll keep you up to date in the traffic pulse 11. Now for a look at the buses and trains let's head to kurt kronke at the m.T.A. Good morning. Good morning. We have a few bus diversions including the 20 westbound diverted at caton and monastery due to construction. 15 At saratoga and charles. Trains looking very good on the penn, camden or brunswick lines and light rail and metro on schedule. Why put unnecessary mileage on your car when the marc train is available? call for marc's schedule information. For the m. Tmpl a. M.T.A. Teap, i'm kurt kronke. You may not know this but sandra and i are exhausted from going to all the galas, all the balls to celebrate earth science week. We know you're a nerd. Sandra's not quite as nerdy as you are. She was talking about the universal gap the other day. Good for you. Neal was like that's universal. I was like, yeah, you mean 8.314. Down at the science center. Tell us what's going on and what they're doing. Of course, meteorologist is an earth science. And there are many earth scientists around us every day. Geologists, seismologists. There are geo scientists, researchers researching the poles. And really this week the focus is to bring attention to the earth sciences. And the maryland science center is really getting involved. The entire week is nationwide. It's sponsored by the american geological institute. They have an exhibit at the maryland science center which focuses specifically on the earth sciences. This week there's a special demonstration. It's an earthquake simulation. It's hands-on. It's going to be running until the end of the week in celebration of earth sciences week. Interesting enough, today is the anniversary of the 1989 san francisco earthquake, 6.9. It would be an appropriate day to take your child out here and undergo the earth sciences special simulation of the earthquake simulation. Pretty cool out there. Also a special presentation called why earth sciences. That is running all week long from 10:30 until 12:30 each day here. So there's a lot to investigate. It's fascinating. From volcanos to the poles to glaciers to meteorology. We have our national weather service station that's located here at the maryland science center. So it's pretty interesting. Let's talk meteorology now and talk about our temperatures. Really we're very mild for this time of the year. Our normal low is usually below 45 degrees for this date. And today as you can see, our lowest temperature only 53 in york, pennsylvania. Downtown where i'm located, we're in the mid to upper 50's. A very mild start. That is indicative of more mild, dry weather to come. So prepare yourself. It's going to be a while. Another day or so before we see a good chance of seeing some much needed rain. Already we are more than 10-inches below normal for the year. So we really need it. I have a cool poster for you. This is just for you. The pulse of earth science. It's got a lot going on here. There's so much involved. I like it. I don't think the universal gas law is on here but some cool stuff nonetheless. That's exciting. I'm going to frame that. You should. You know you had the calendar on your desk. You're right. I do. What can i say? thank you very much. We'll check back in with you in a little while. Take it easy celebrating earth science we can. Just pace yourself. All right. We'll try. Yesterday it was another warm day. We made it into the 70's again.

We are celebrating earth science week here in the weather center. W

10/17/2007

11 News at 6 PM - WBAL-TV

Good morning. You're watching 11 news today. It's 6:11. 65 Degrees. Another mild day today. We are celebrating earth science week here in the weather center. Whoo-hoo! party after party. Been waiting for this for so long. Sandra shaw joins us live from the maryland science center. I am getting partied out. I know you are so excited. I have a question for you. Did you know this is the international polar year? i know you've been following this. Did i not know that. Just one of the many things you can learn about earth sciences here at earth sciences week at the maryland science center. The theme is baltimore is going to rock for earth sciences. That's appropriate. The american geological institute is putting on this week nationwide. But here at the maryland science center there's really cool exhibits. There's the ongoing exhibit which features many interactive activities. Specific li this week one of those interactive activities is a simulated earthquake. That's going to be really cool. It's going on until friday. A special 3d presentation called why earth sciences? that's run from 10:30 until 12:30 every day in week at the maryland science center in celebration of the surge sciences. Things like seismologists, meteorologists, geologists, any sort of geo scientist is in the loop. So basically anything from volcanoes to glaishers is covered here. A great event. And, oh as meteorologists, we want to bring attention to it. Let's talk meteorologist. We are milder than usual. We are looking at downtown where i'm

WCSH6.com
Augusta, Maine

WCSH6.com

Maine State Museum Celebrates Earth Science Week

Web Editor: [Susan Kimball](#), reporter
Last Updated: 10/10/2007 8:20:29 PM

AUGUSTA (NEWS CENTER) -- Hundreds of school children did some hands on learning Wednesday at the Maine State Museum in Augusta. The kids saw displays and demonstrations by real scientists and people who work in the earth science field. They learned about erosion and weathering and how sand is made. They had a chance to pan for gold and they also listened as NEWS CENTER meteorologist Roger Griswold talked about the science of weather.

The kids gave the exhibits and demonstrations high marks. Museum educator Joanna Torow says not only do the students get to learn about earth science, but they also have the chance to begin thinking about it as a career.
NEWS CENTER

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