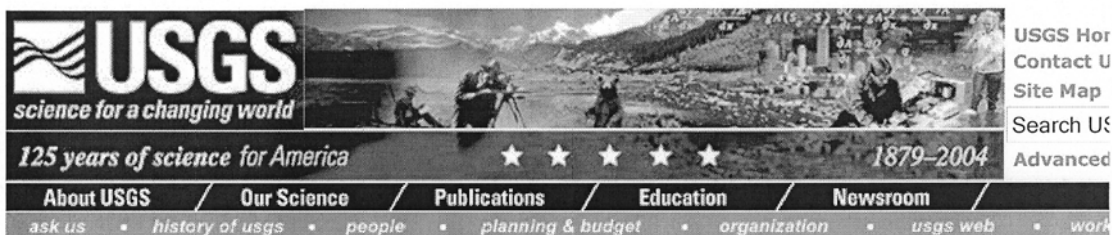
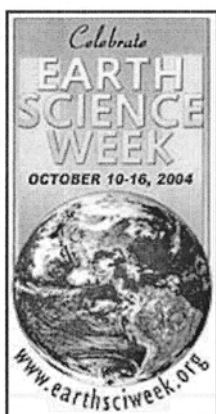


USGS Earth Science Week Message

USGS Director, Chip Groat



Living on a Restless Earth



[ESW Home](#)
[Director's Message](#)
[USGS Activities In Your State](#)
[USGS World Wide Web Sites](#)

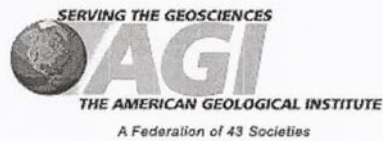
Earth Science Week Message
Chip Groat
USGS Director

Earth Science Week is a time when earth scientists around the world share their enthusiasm and knowledge of earth science with their communities. With activities now being held in all fifty states and in more than nine countries around the world, this event has become one of the premier outreach opportunities to raise public awareness of the contributions that the earth sciences make to society. The theme for Earth Science Week 2004 is "Living on a Restless Earth," with related activities being held from October 10-16. I'm pleased that our USGS Open House themed "125 Years of Science for America," being held on October 9th at our National Center, will serve as a suitable and timely kickoff for the week's activities.

The USGS is proud to be the principal sponsor of and contributor to the event, which is organized and managed by the American Geological Institute. This year, more than 15,000 educational information kits are being distributed throughout the nation. Earth Science Week educational packets contain numerous hands-on activities, teacher guides, upper high school/college level USGS data-based investigations, informative posters, topical fact sheets and a wide-array of other information useful throughout the year. Earth Science Week gives the USGS, and the broader earth and natural science community, unprecedented opportunities to provide teachers, students of all ages, and other interested parties a better understanding of earth processes and how they interact to shape the health, safety, and well-being of the world around us.

The USGS has an upfront and noticeable presence in Earth Science Week due to your many contributions and continuing interest. Because of growing interest, and celebration of our 125th anniversary, an increased number of packets are being sent to our major centers. I hope that many in our GS community that have students in school or are active with our science and science education associations will avail themselves to this resource. I encourage all centers and programs to contribute to the activities of the week and would be delighted to learn of any activities you may be conducting in support of this national event.

For more information, contact [Robert Ridky](#).



4220 King St.
Alexandria, VA 22302-1502
(703) 379-2480 (tel.)
(703) 379-7563 (fax)
www.agiweb.org

AGI Announces Earth Science Week Theme and New National Contests for 2004

Alexandria, VA - September 8, 2004 - The American Geological Institute (AGI) announces the theme for Earth Science Week 2004: "Living on a Restless Earth." This theme will focus on the natural hazards that take place on our dynamic planet and the geoscientists who study these events. Natural hazards affect every community on Earth, and the scientists who focus on natural hazards help the public to understand the causes of those hazards and how to minimize their effects. Earth Science Week takes place October 10-16, 2004.

Earth Science Week events will include three national contests, hosted by AGI. The contests are designed to encourage students and the public to become involved in Earth Science Week by submitting artwork, an essay or a photograph to the ESW contests. Entries must be received by October 1, 2004. A grand prize winner in each category will win \$300 and a one year's subscription to *Geotimes*, AGI's monthly newsmagazine for the Earth sciences.

Elementary school students in grades K-4 are eligible to compete in the Visual Arts contest. Students should make a drawing, collage or other 2-dimensional piece of artwork that illustrates the "Active Earth." The artwork could show a natural hazard, people preparing for a hazard or Earth scientists at work. Submissions should be no larger than 24 x 36 inches.

Middle school students in grades 5-8 are encouraged to compete in the Essay Contest. Essays should be written as if the student is an Earth scientist who studies a natural hazard. What does a day on the job entail? What equipment is needed? How does this scientist educate the people of his or her community about the natural hazard that is most likely to affect them?

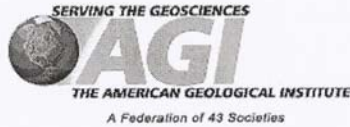
The Photography contest is open to the general public. People should take pictures of Earth scientists at work or of students learning Earth science. Capture some of what goes into studying our dynamic planet on film. Photographs of children under the age of 18 must be accompanied by a parental consent form that can be found on www.earthsciweek.org/contests. Submissions can include print or digital photographs.

More information on the Earth Science Week contests, including rules and submission guidelines, can be found at <http://www.earthsciweek.org/contests>.

Earth Science Week 2004 will mark the seventh year the American Geological Institute has hosted this national event as a service to the public and the geoscience community. This week was developed to give students and citizens new opportunities to discover the Earth sciences and stewardship of the Earth. It highlights the important contributions Earth and environmental sciences make to society and also invite the public to become engaged in current scientific exploration. Earth Science Week is supported by the U.S. Geological Survey. To learn more about this event, visit www.earthsciweek.org.

The American Geological Institute is a nonprofit federation of 43 scientific and professional associations that represent more than 120,000 geologists, geophysicists, and other Earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interest 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 the resources and interaction with the environment. More information about AGI can be found at <http://www.agiweb.org/>. The Institute also provides a public outreach site at <http://www.earthscienceworld.org/>.

AGI Press Release
Alexandria, Virginia



4220 King St.
Alexandria, VA 22302-1502
(703) 379-2480 (tel.)
(703) 379-7563 (fax)
www.agiweb.org

FOR IMMEDIATE RELEASE
October 7, 2004

Contact: Andrea Martin
E-Mail: asm@agiweb.org

Recent Natural Disasters Serve as Reminders of the Importance of Understanding Earth Science

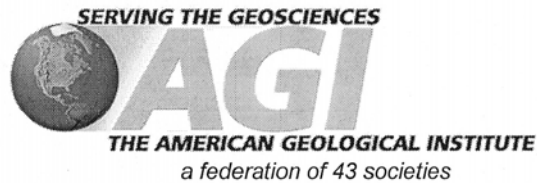
With Mount St. Helens in Washington venting off steam and Florida experiencing one of the worst hurricane seasons since 1886, newscasts remind us of the restless nature of our dynamic planet. To raise awareness of the importance of Earth sciences to society, Earth Science Week will be held from Oct. 10 through Oct. 16, 2004, celebrating the theme "Living on a Restless Earth: Natural Hazards."

For the first time in U.S. history, the Director of the U.S. Geological Survey, Dr. Charles G. Groat, and the Under Secretary of Commerce for Oceans and Atmosphere (and National Oceanic and Atmospheric Administration (NOAA) Administrator) Admiral Charles Lautenbacher, Jr., collaborated to write a statement on the "Importance of Earth Science Education." The statement, released in recognition of Earth Science Week, is addressed to the American Public. "By 2025, eight billion people will live on Earth," wrote Groat and Lautenbacher, "If we are to continue to maintain a high quality of life, we need to delve much more deeply into our planet—its processes, its resources, and its environment. Only through Earth science education can students come to understand and appreciate our complex planet."

Earth scientists, such as volcanologists, meteorologists and seismologists, work to understand and predict natural hazards to minimize their effects on people and property. During Earth Science Week, geoscientists work with students and the general public to help them discover the Earth sciences and become engaged in scientific exploration. Teachers and students explore Earth science with activities and experiments or by having scientists visit their classrooms. Earth Science Week was established by the American Geological Institute in 1998, and is sponsored by the U.S. Geological Survey and the American Association of Petroleum Geologists Foundation, with participation from NASA, NOAA, the National Park Service and many more organizations. For more information about Earth Science Week, visit www.earthsciweek.org.

For the entire text of Dr. Groat and Admiral Lautenbacher's statement, visit:
<http://www.earthsciweek.org/proclamations/USGSNOAA.pdf>.

The American Geological Institute is a nonprofit federation of 43 member societies 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.



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

FOR IMMEDIATE RELEASE

Contact: Cindy Martinez

October 18, 2004

Email: cmm@agiweb.org

AGI Announces Winners of the Earth Science Week Contest

ALEXANDRIA, VA - The American Geological Institute is proud to announce the winners of the Earth Science Week 2004 contests. The contests are designed to encourage students and the public to participate in this annual celebration that recognizes the importance of earth sciences in our lives. This year's contests included an art contest for elementary-school children entitled "Active Earth," an essay contest for secondary-school students in which they were asked to write as if they were a geoscientist who studies natural hazards, and a photography contest open to all ages with the theme "Earth Scientists at Work." Winners in the contests were selected from nearly 400 entries.

The winner of the visual-arts contest was eight-year-old Jeffrey Colgrove, Jr., from Mandeville, Louisiana, for his colorful drawing of a tsunami. Bob Chab, of Herndon Virginia, won the essay contest for his composition on the theme "Studying the Active Earth." Hawaii resident Jennifer Kawata received top honors in the photography contest for her picture of students examining a sulfur-lined fumarole on White Island, off the coast of New Zealand. Winning entries and finalists for each of the three contests are posted on the Earth Science Week Web site, <http://www.earthsciweek.org>.

The contests were held as part of Earth Science Week, which was celebrated from October 10-16, 2004. Earth Science Week, with active participation in all 50 states and around the world continues to be the annual climax of outreach by the earth sciences to the public. The celebration was officially proclaimed by 22 state governors, and was recognized by President George W. Bush. The theme for Earth Science Week 2004, "Living on a Restless Earth," emphasized the important work geoscientists do to study and understand our dynamic planet.

The goal of Earth Science Week is to increase the public's understanding of geology and the earth sciences so that citizens can make informed decisions concerning land management and use, address environmental and ecological issues, prepare for and recover from natural disasters and appreciate the beauty and wonder of the natural world. This annual event, celebrated annually during the second full week in October, offers students opportunities to discover the earth sciences and provides geoscientists and earth science organizations the opportunity to share their knowledge and enthusiasm about the Earth and how it works.


MORE

AGI, in collaboration with its member societies and Earth Science Week sponsors, is currently preparing for Earth Science Week 2005. To find out how you can participate, visit the Earth Science Week web site, <http://www.earthsciweek.org>, or contact Cindy Martinez, Earth Science Week Manager, at (703) 379-2480 ext. 227 or cmm@agiweb.org.

The American Geological Institute is a nonprofit federation of 43 scientific and professional associations that represent more than 120,000 geologists, geophysicists, and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in our profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources and interaction with the environment. More information about AGI can be found at <http://www.agiweb.org/>. The Institute also provides a public outreach web site, <http://www.earthscienceworld.org/>.

###

NASA Earth Science Week Release

**NATIONAL AERONAUTICS
AND SPACE ADMINISTRATION**

+ Low Bandwidth
+ Non-Flash Version
+ Contact NASA

FIND IT @ NASA:
 + GO

+ ABOUT NASA | + NEWS & EVENTS | + MULTIMEDIA | + MISSIONS | + POPULAR TOPICS | + MyNASA

+ Home

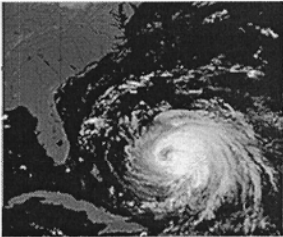
**For Educators
(Grades K-4)**
- FEATURES AND NEWS
+ LEARNING RESOURCES
+ INTERNET RESOURCES
+ MULTIMEDIA RESOURCES
+ CONTACTS FOR EDUCATORS
+ PROFESSIONAL DEVELOPMENT

Choose another category:
+ For Educators 5-8
+ For Educators 9-12
+ For Educators Post
Secondary
+ For Informal Educators

EDUCATOR FEATURES
T-minus 2 Months Until Earth Science Week 08.12.04

It's not too early to start planning for Earth Science Week, October 10-16. This year's theme, "Living on a Restless Earth," will focus on the science of natural hazards and the mitigation of their impacts on society. Earthquakes and volcanoes, droughts and floods, and tornadoes and thunderstorms are just some of the dangerous phenomena that affect our planet every day.

Image to right: This year's Earth Science Week theme, "Living on a Restless Earth," focuses on hazards such as hurricanes, earthquakes, volcanoes, floods, wildfires and other natural hazards. Credit: NASA



Earth Science Week information kits containing a variety of educational materials and resources, as well as a teachers guide, are now available. This year, NASA is contributing several products to the kits, including a set of four new lithographs illustrating how NASA satellites are used to track and forecast hurricanes, wildfires and other hazards:

- African Dust Leads to Large Toxic Algal Bloom
+ View PDF
+ Download viewer
- Wildfires in Southern California
+ View PDF
+ Download viewer
- Hurricane Bonnie
+ View PDF
+ Download viewer
- Flood in Mozambique
+ View PDF
+ Download viewer


The kits also include a flyer on NASA's Rock Around the World program, a cloud activity, a lithograph featuring Amelia the Pigeon's flight over New York City, and a poster titled "To Understand & Protect our Home Planet." The poster describes how NASA's various satellites are contributing to our knowledge about the Earth system, and includes a list of resources for K-12 students and teachers.

Earth Science Week is organized annually by the American Geological Institute to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth. For more information, and to order a kit, please visit: <http://www.earthsciweek.org>.


Related Resources

- Rock Around the World
+ View site
- Poster: To Understand & Protect our Home Planet
+ View PDF
+ Download viewer
- Amelia the Pigeon: NYC lithograph
+ View site

Earth Science Enterprise

**FIRSTGOV**
Your First Click in the U.S. Government

+ Inspector General Hotline
+ Equal Employment Opportunity Data Posted Pursuant to the No Fear Act
+ FY 2005 Budget Request
+ 2003 Strategic Plan
+ Freedom of Information Act
+ The President's Management Agenda



Editor: Shelley Canright
NASA Official: Brian Dunbar
Last Updated: August 13, 2004
+ Contact NASA

State of Florida
Earth Science Week Press Release

Earth Science Week Press Release from the state of Florida.

FOR IMMEDIATE RELEASE: October 11, 2004

CONTACT: Leigh Ann Asklar, (850) 245-2112

FLORIDA TAKES A CLOSER LOOK AT THE CHANGING EARTH

--Earth Science Week promotes environmental stewardship through sound science--

TALLAHASSEE – Recognizing the important role earth sciences have on our world, Governor Jeb Bush joined states across the nation in proclaiming the Seventh Annual Earth Science Week. Extending from October 10-16, classrooms and scientists across the nation will educate citizens about natural hazards. This year's theme, "Living on a Restless Earth," encourages us to explore our connection with the Earth's underlying aquifer systems and geologic frameworks.

"Earth sciences provide the foundation for protecting Florida's citizens and the environment from the natural hazards that pose a threat to our state," said DEP Secretary Colleen M. Castille. "Using state-of-the-art technology, we are monitoring Florida's aquifer, protecting springs and the Everglades and effectively managing Florida's resources"

Using observations and measurements from space, underwater and underground, geoscientists evaluate Earth's present state, foresee future changes and assess effects on life and society. The Department of Environmental Protection's (DEP) Florida Geological Survey investigates and monitors the state's important aquifer systems and geology to protect public health and natural resources and ensure sound environmental management.

The Florida Geological Survey will host an open house featuring activities and tours that educate the public on how earth sciences affect our daily lives on Wednesday, October 13, from 10 am to 4 pm and 6:30 to 8:30 pm, at the Gunter Building on the Florida State University campus in Tallahassee.

For more Earth Science Week activities, visit
http://www.floridadep.org/geology/events/earth_sci_week_2004.htm

For more information visit, <http://www.floridadep.org/geology/>

Missouri Department of Natural Resources

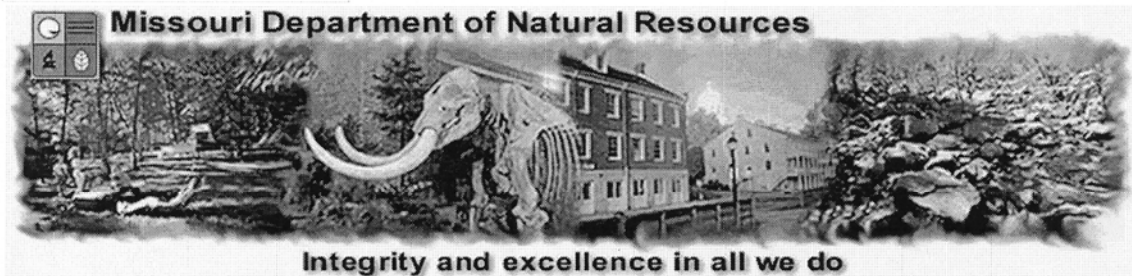
News Release

Divisions and Programs

[Home Page](#)

[Site Map](#)

[Help](#)



[Forms and Permits](#)

[Publications](#)

[Media Center](#)

[State Parks](#)

[Current Issues](#)

[Keyword Search](#)

[FAQ](#)

[Calendar](#)

[Air Issues](#)

[Commissions & Boards](#)

[Contact Us](#)

[Energy](#)

[Geology Information](#)

[Land Issues](#)

[Organizational Chart](#)

[Preservation](#)

[Report an Environmental Problem](#)

[Rules in Development](#)

[State Parks](#)

[Water Information](#)

News Release No. 330

EARTH SCIENCE WEEK BEGINS OCT. 10

Volume 32-330

Contact: D. A. Becker

(For immediate release)

(573) 368-2118

JEFFERSON CITY, MO, OCT. 8, 2004 - Gov. Bob Holden has declared the week of Oct. 10 Earth Science Week to bring awareness to the fact that earth sciences are fundamental to the health, safety and welfare of all Missourians. The Missouri Department of Natural Resources notes how crucial earth sciences are to environmental and ecological issues, as well as, integral to finding, developing and conserving the energy, mineral and water resources needed for Missouri's continued prosperity.

Every October, states across the nation join forces to promote earth sciences. The geologists, hydrologists, engineers and land surveyors with the department's Geological Survey and Resource Assessment Division (GSRAD) encourage schools to highlight earth science as a career choice and demonstrate the benefits earth sciences bring to the community.

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

###

NOTE: A photo related to this release is available online at: www.dnr.mo.gov/newsrel/mahfood-mimi.jpg Cutline: Steve Mahfood, director of the Missouri Department of Natural Resources, and Mimi Garstang, state geologist and Director of the department's Geological Survey and Resource Assessment Division, hold Governor Holden's proclamation proclaiming the week of October 10-16th as Earth Science Week.

[Land](#) | [Air](#) | [Water](#) | [Energy](#) | [State Parks](#) | [Assistance](#) | [Disclaimer & Privacy](#) | [State Home Page](#) | [Site Map](#)
[Kids & Education](#) | [Waste & Recycling](#) | [Historic Preservation](#) | [Human Resources](#) | [Merchandise](#) | [Search](#)



Department of Natural Resources
P. O. Box 176, Jefferson City, MO 65102

1-800-361-4827 / (573) 751-3443
E-mail: oac@dnr.mo.gov
Revised on Friday October 08 2004

Craters of the Moon National Monument and Preserve
News Release

Craters of the Moon National Monument and Preserve



National Park Service
Park Headquarters
P.O. Box 29
Arco, ID 83213

208-527-3257 phone
208-527-3073 fax



Bureau of Land Management
Shoshone Field Office
P.O. Box 2-B
Shoshone, ID 83352

208-732-7200 phone
208-732-7317 fax

News Release

September 22, 2004

SPECIAL GEOLOGY HIKE TO BE HELD AT CRATERS OF THE MOON NATIONAL MONUMENT AND PRESERVE

In honor of "National Earth Science Week", a special geology hike will be held on Saturday October 16th at Craters of the Moon. Field visits to several sites in the park will be made in order to see a broad cross section of the features present within the Monument. The park geologist will lead the hike and participants will learn about the volcanic features and processes in greater depth than normally presented to the public. This special program will start at 9 AM and will meet at the visitor center. The hike will last until about 3 PM and participants will need to bring a lunch. The hike will be moderately strenuous and traverse approximately 4 miles total distance (wear hiking boots). At least one lava tube (cave) will be investigated and will require participants to have flashlights. Participants should bring a hat, pack, clothing layers, food, and water. The group size will be limited to 15 people and reservations are required; children should be at least 12 years of age. Call (208) 527-3257 to make a reservation.

Release Date:
Media Contact:

EXPERIENCE YOUR AMERICA

Petrified Forest National Park

News Release



National Park Service
U.S. Department of the Interior

Petrified Forest National Park

Petrified Forest N.P.
P.O. Box 2217
Petrified Forest, AZ 86028

928-524-6228 phone
928-524-3567 fax

PETRIFIED FOREST N.P. News Release

Release date: Immediate

Contact(s): Marge Post

Phone number: 928-524-6228 x264

Date: September 23, 2003

Release code: NPS

PETRIFIED FOREST NATIONAL PARK CELEBRATES EARTH SCIENCE WEEK

October 10-16, 2004

Petrified Forest, AZ – Earth Science Week is a yearly event sponsored by the American Geological Institute to help the public to better understand and appreciate earth sciences and to encourage stewardship of the earth. This year's Earth Science Week is from October 10-16, 2004 and celebrates the theme *Living on a Restless Earth*. Petrified Forest National Park is marking this event with special programs featuring the park's fascinating geology.

- RANGER PROGRAMS

Triassic Park -- 10:00 am every day. Join a ranger for a program at the Rainbow Forest Museum to learn about petrified wood and the Triassic environment.

Geology Hike – 1:00 pm every day. Join a ranger for a walk around Crystal Forest and learn about the earth forces that have shaped this landscape for over 200 million years.

Fossil Laboratory Tour – 10:00 am and 2:00 pm Monday through Friday. Learn how a paleontologist works with actual fossils collected from Petrified Forest National Park. This special behind-the-scenes tour is *only* offered during Earth Science Week! Ask for details at the Painted Desert Visitor Center.

EXPERIENCE YOUR AMERICA

The National Park Service cares for special places saved by the American people so that all may experience our heritage.

- SCAVENGER HUNT

Have fun learning about Petrified Forest National Park by answering some questions and then enter your name for a free drawing for 7 grand prizes. Ask for details at the Painted Desert Visitor Center or Rainbow Forest Museum and Visitor Center.

- 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, replicated skeletons of Triassic animals, and artists' renditions of the environment 225 million years ago.

- HIKING TRAILS

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

Puerco Pueblo – 0.3 mile loop – See how the Ancestral Puebloans made use of sandstone rocks for building and communication.

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.

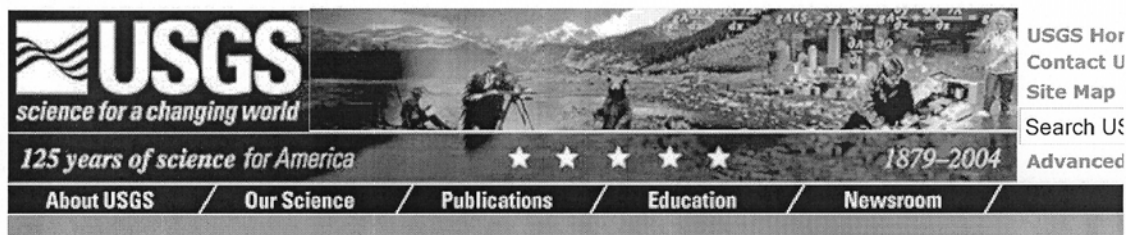
Long Logs and Agate House – 2.5 miles round trip – See exposed logs over 100ft long and visit a unique ancestral Puebloan home made of petrified wood.

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 Superintendent at PEFO_Superintendent@nps.gov.

EXPERIENCE YOUR AMERICA™

The National Park Service cares for special places saved by the American people so that all may experience our heritage.



USGS Activities In Your State



[ESW Home](#)
[Director's Message](#)
[USGS Activities In](#)
[Your State](#)
[USGS World Wide](#)
[Web Sites](#)

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

[California](#) | [Colorado](#) | [South Dakota](#) | [Virginia](#)

California

USGS Pasadena office

Enjoy a fun-filled day at the Discovery Center in Santa Ana experiencing a variety of earthquake education exhibits, displays, games and information. Kids and adults can come and see how simple tools from a hardware store can show why scientists can't predict earthquakes; learn what types of structures can be dangerous in a temblor and how to make them earthquake resistant; investigate how a seismograph works and make their own earthquakes; learn about the newest advances in earthquake research and technology and much, much more! Various USGS maps and posters will be on display, and Fact Sheets and our most popular earthquake publication "Putting Down Roots in Earthquake Country" will be available.

Date and Time: October 10, 2004 10:00a.m.- 5:00p.m.

Contact: USGS Pasadena Earthquake Hazards Program
Outreach and Education
626-583-6801

[Return to top](#)

Colorado

Visit the U.S. Geological Survey (USGS) at the Rocky Mountain Mapping Center facility and experience the breadth and benefits of the natural science information that is available to the public, teachers and students. See the visitor's center with some hands-on displays and browse through free posters, lesson plans, pamphlets and brochures.

The USGS is located at the Denver Federal Center, 6th Avenue and Kipling, in building #810 Map Sales. The phone number is 303-202-4200 or 1-888-ASK-

USGS (275-8747).

Join the USGS and geographic information systems (GIS)

professionals at the GIS in the Rockies Conference, 6-8 October 2004, at the Denver Merchandise Mart. More information about the conference can be found on <http://www.gisintherockies.org>. The conference will feature exhibits, a geocaching event with GPS receivers at Denver's City Park, workshops, and presentations that feature the application of spatial technologies (GPS, GIS, and Remote Sensing) to solve issues in earth science, life science, planning, and business.

USGS will participate in a free Geosciences Resource Open House for teachers at the Society of Exploration Geophysicists (SEG) Annual Meeting

in Denver, Colorado, Sunday, Oct. 10, 1-3 p.m., at the Marriott Hotel. Participating teachers will receive a selection of free geoscience resource and teaching materials from a variety of organizations and societies, as well as touring the exhibit hall (4-6 p.m.) and attending the Icebreaker Social (6-8 p.m.) at the SEG Convention. To register, teachers must contact Sarah Shearer, SEG Applied Science Education Chair, sshearer@seg.org, phone 303-869-5049.

North Table Mountain Geology & Natural History Hike, Golden CO

USGS Geologist Pete Modreski will lead a public hike up the west side of North Table Mountain, Golden, 4-7 p.m. (until dusk). Anyone is invited; we'll see and talk about volcanic rocks, local geology, mining and quarrying history, Open Space, local plants, animals, and ecology, and how the present landscape developed. This will be an easy, uphill hike up a dirt trail and dirt road to the top of the mesa--capped by 64 million-year-old lava flows. Meet at the trailhead parking area on Wyoming Circle, one block east of North Ford Street at Pine Ridge Road, Golden.

Date and Time: Tues., Oct. 12 at 4 p.m. (Alt. rain date, Oct. 13 or Oct 15.)

Contact: pmodreski@usgs.gov or 303-202-4766

Big Thompson Watershed Teachers' Enhancement Program -Oct 14, 2004

The U. S. Geological Survey (USGS), EPA Region 8, Colorado Department of Public Health and Environment, Colorado Division of Water Resources, and the Big Thompson Watershed Forum will be presenting a full day of talks, posters, and real hands on water quality monitoring experience to teachers in the Big Thompson Watershed. The Big Thompson Watershed begins high in Rocky Mountain National Park and joins the South Platte River in eastern Colorado. This is the third year for this event. USGS scientists will demonstrate how streamflow and water quality measurements are made, identification of benthic organisms, and access online water data from National Water Information System NWISWEB.

[Return to top](#)

South Dakota

EDC staff conducted a "Living on a Restless Earth" presentation to 7th grade middle school students in Madison, South Dakota featuring remotely sensed imagery of earthquakes, tornadoes, wildfire, floods, and

hurricanes.

EDC staff will have an exhibit at the Minnesota GIS/LIS conference in St. Cloud, Minnesota October 5-7.

This conference will provide an excellent opportunity to promote Earth Science Week with adult GIS enthusiasts.

EROS Data Center staff will have an exhibit at the Kirby Science Center, Washington Pavilion, Sioux Falls, SD from Oct. 8-18.

The exhibit will feature examples of USGS satellite data used to monitor natural hazards such as wildfires, floods, tornadoes and other forces of nature. The CineDome film playing at the Kirby Science Center during Earth Science Week is titled, "Forces of Nature." An educational packet distributed by AGI, with the USGS as a sponsor, will be available for teachers. The packet includes USGS handouts as well as a poster on the "Forces of Nature" film.

2004 Earth Science Week at the USGS EROS Data Center

October 11-15, 2004, "Earth Science Week" posters will be prominently displayed in the EDC atrium. EDC tours will be offered during the celebration of "Earth Science Week".

Dr. Masterlark presents "Tectonic Applications."

EDC's Dr. Tim Masterlark, Sr. Scientist - Geomechanics, will give a presentation entitled "Tectonic Applications" to 120 sixth grade science students at Whittier Middle School, Sioux Falls, SD, on Wednesday, October 13.

A Distance Learning presentation "Everyday Uses for Satellites" will take place on Friday, Oct. 15 of Earth Science Week. EDC Sr. Satellite Engineer, Bryan Christensen, will conduct a 60 minute, interactive video conferencing presentation from 11:00-1200 CST on how the USGS uses remote sensing technology in many earth science applications from the fields of hydrology, geology, geography, and biology. Linked to several secondary science standards, students will study various types of communication and observation satellites, and the central role that GPS plays in their navigational system. Changes in the Earth's surface and use of spherical intersection modeling for navigational positioning will be investigated. (Site Limit: 10 Schools) (For more information contact Mark W. Barber at: USGS EROS Data Center, tel. # (605) 594-6176; Email: barber@usgs.gov Additional Information: <http://edc.usgs.gov/>, <http://www.goes.noaa.gov>, <http://www.trimble.com/gps> , <http://science.nasa.gov/RealTime/JTrack/3d/JTrack3D.html>

[Return to top](#)

Virginia

USGS Open House

Bring the kids, the family, and your friends to experience science first hand through exhibits, demonstrations, and tours, and learn more about what's going on right in your own backyard!

Date and Time: October 9, 2004 10:00a.m.- 5:00p.m.

Basic Materials Corporation
Raymond Quarry, Iowa

22 YEARS OF "ROCKIN' THE CEDAR VALLEY"

BASIC MATERIALS CORP

PLEASE JOIN US IN CELEBRATING EARTH SCIENCE WEEK AND OUR COMMITMENT TO THE COMMUNITY BY ATTENDING OUR

ANNUAL OPEN HOUSE

SUNDAY OCTOBER 3, 2004

10:00AM - 3:00PM

RAYMOND QUARRY

6900 DUBUQUE RD

**WIN A
DOOR PRIZE!**



Take Raymond exit off of I380/20; go north to Dubuque Rd.; go east on Dubuque Rd. to Raymond Quarry

TAKE HOME A ROCK!!



**Northeast Iowa
FOOD BANK**

HELP US REACH OUR 1-TON
DONATION GOAL FOR THE NORTH
EAST IOWA FOOD BANK!
FOR MORE INFORMATION CONTACT
STEPHANIE AT (319) 235-0507 EXT 114

LUNCH PROVIDED.
SPONSORING BIG BROTHERS BIG SISTERS
FREE WILL DONATION.



**Big Brothers Big Sisters
of Northeast Iowa**

**FIND A
MINERAL!**

FIND A FOSSIL!

ALSO FEATURING DISPLAYS OF:

EQUIPMENT

RELATED BUSINESSES

ASSOCIATION DISPLAYS

EARLY 1900'S WORKING ROCK CRUSHER

**ROCK CRUSHING DEMO AT 1:45PM
WASH PLANT DEMO AT 2:15PM**

**STEAM ENGINE AND ROCK CRUSHER
RUN THROUGHOUT THE DAY**

Activities Include:

Rock Art

Find a Fossil

Find a Mineral

Quarry & Geology Tours

Ag Lime Find

SPONSORED BY BASIC MATERIALS CORP., YOUR LOCAL AGGREGATE AND AG LIME SUPPLIER.
FOR ADDITIONAL INFORMATION CALL (319) 235-6583

Earth Science Week 2004

'Living On A Restless Earth'

4th – 8th Grade Teachers Sign Up Now!
The first 10 teachers to sign up will receive:

Earth Science Week Educators Information Kit

- Teachers Guide
- Bookmarks
- Earth Science Week Poster
- CD of North American Data and classroom activities.

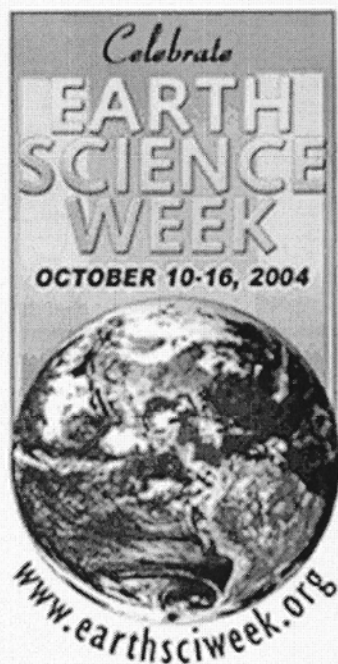
Central Texas Rock Kit

- Rock Samples
- Poster of Texas Rocks and Fossils

Newspapers

- Classroom sets of newspapers for Monday of Earth Science Week
- Activities to use with newspapers (matched to national standards)

• LGS members will speak to classes upon teacher request.



www.lgsweb.org

Name: _____
School: _____
Class size: _____ Grade: _____
Delivery Address: _____
City: _____ State: _____ Phone: _____

Send To: The Daily Advertiser
c/o Judy Broussard
P.O. Box 3268
Lafayette, LA 70502
Or call 337-289-6492 or fax 337-289-6464

Maryland Science Center Earth Science Week Activities



In This Section:

- TerraLink Main Page
- Exhibit Themes
- Earth News
- Earth Now
- Live Science
- Science Person
- Earth Fun!
- For Educators
- About TerraLink

TERRALINK Live Science

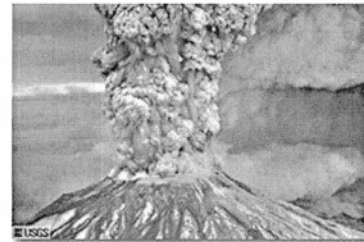
Earth Science Week

October 13-16, 2004

Visit TerraLink October 13-16, and celebrate Earth Science Week.

This year, Earth Science Week will focus on Natural Hazards and the ways that Earth Scientists study hazards in order to understand their causes and minimize their impact on society. Earth Science Week is sponsored by the American Geological Institute (AGI).

While in TerraLink you will have the opportunity to meet scientists and educators that work in different agencies that study natural hazards around the world.



Here is the detailed scheduled of activities for the week:

- **Wednesday, October 13, from 10:30 AM to 12:30 PM:**

- NOAA
The National Oceanic and Atmospheric Administration (NOAA) conducts research and gathers data about the global oceans, atmosphere, space, and sun, and applies this knowledge to science and service that touch the lives of all Americans.
- AGI
The American Geological Institute is a nonprofit federation of 43 geoscientific and professional associations that represents more than 100,000 geologists, geophysicists, and other earth scientists. AGI provides information services to geoscientists, 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.

- **Thursday, October 14, from 10:30 AM to 12:30 PM:**

- USGS
The USGS serves the Nation as an independent fact-finding agency that collects, monitors, analyzes, and provides scientific understanding about natural resource conditions, issues, and problems. The value of the USGS to the Nation rests on its ability to carry out studies on a national scale and to sustain long-term monitoring and assessment of natural resources. The USGS provides impartial science that serves the needs of our changing world.

- AGI

- **Friday, October 15, from 10:30 AM to 1:30 PM:**

- [IRIS](#)

The Incorporated Research Institutions for Seismology is a university research consortium dedicated to exploring the Earth's interior through the collection and distribution of seismographic data. IRIS programs contribute to scholarly research, education, earthquake hazard mitigation, and the verification of a Comprehensive Test Ban Treaty. Support for IRIS comes from the National Science Foundation, other federal agencies, universities, and private foundations.

- [AGI](#)

- **Saturday, October 16, from 1 PM to 4 PM:**

- [AGI](#)

Internet Links

[AGI](#)

The official web site for the American Geological Institute.

[NOAA](#)

The official web site for the National Oceanic and Atmospheric Administration.

[IRIS](#)

The official web site for the Incorporated Research Institutions for Seismology.

[USGS](#)

The official web site for the US Geological Survey.

Questions, comments? Please email terralink@mdsci.org.

[MSC Home](#) : [Exhibits](#) : [Shows](#) : [Newsroom](#) : [Educational Resources](#) : [Community Programs](#) : [Get Involved](#) : [Contact Us](#)

*Please join us for
the 7th annual
celebration of:*

Western New York Earth Science Day

Western New York Earth Science Day introduces the public to earth scientists and provides an opportunity to learn first-hand what earth scientists do, the importance of earth sciences to society, and the many and varied career opportunities that exist within the earth sciences.

- ▶ This event is FREE to the public and will be held rain or shine. ◀
 - ▶ Fossil-collecting will be available at the site to those interested ◀
(fossil-collecting is free for HNHS members; non-member adults, \$5; children, \$4)
 - ▶ Free on-site parking. Sheltered exhibits. ◀
 - ▶ Food and drink available for purchase. Restrooms available. ◀
 - ▶ Many exciting activities are planned, including: ◀
- 🌐 Free drilling and rock-coring demonstrations at 10:30 a.m. and 1:30 p.m.
 - 🌐 Boy and Girl Scouts can earn credit toward merit badges and pins
 - 🌐 Scavenger hunts, games, crafts, raffles, and much more!
 - 🌐 Sandy Cline - internationally renown soapstone carver!
 - 🌐 View sunspots through telescopes with filtered lenses!

Where: Penn Dixie Site, Hamburg, New York (see map on reverse)

When: Saturday, October 16, 2004, 9:00 a.m. to 3:00 p.m.

For more information or to participate, contact
Jerry Bastedo (jcb02@buffnet.net) or
Rick Watt (rwatt@ene.com)
Or call the HNHS at 716/627-4560.

Sponsored by:





Let's Celebrate Earth Science Week!

DeLoach Hall Room 114
Friday, October 15

12:00 to 1:00 pm:

- **Photo Contest** (Faculty & Staff / Grad Students / Undergrad Students)
- **Geography & Geology Club T-Shirt Contests**
- Roger Shew "**World Class Outcrops**"
- **PLUS!!! FOOD & DRINK**

4:00-5:00 pm:

- Roger Shew "**Earth Science Education Modules**"
- Meredith Ledwell "**Careers & Demand for Earth Scientists**"
- Courtney Hanby & Staci Merriman "**ArgWorld and Other Tools for Teaching Middle School Earth Sciences**"
- **American Geological Institute Teacher Kits**
- **PLUS!!! FOOD & DRINK**



EARTH SCIENCE FAIR 2004



Celebrate Earth Science Week by discovering and exploring the hidden world above, on, and underneath the surface of the earth. There will be earth science exhibits, games, demonstrations, and talks during this afternoon of family fun on Sunday, October 17, 2004 from 12-5 PM. Learn about different types of soil from around Ohio and how they interact with plants, animals, land use, and pollution. Join naturalists, park rangers, and scientists from around Ohio for a joint program with the CVNP (Cuyahoga Valley National Park) and the Metro Parks, Serving Summit County. This program will be held at the Firestone Metro Park at the Tuscarawas Meadows Area.

For more information call MetroParks (330) 865-8065. or

Cuyahoga Valley National Park: tom_nash@nps.gov

What is Earth Science Week?

ESW is a national and international event to help the public gain a better understanding and appreciation for the earth sciences and to encourage stewardship of the earth. ESW promotes the value of earth science research and its application to our everyday lives. At UD our goal is to achieve these things through interdisciplinary programs.



ESW Committee

Committee Chair
Hillary Sletten

Activities Chairs
Rachael Goetzelman
Kori Murray

Donations Chair
John Collins

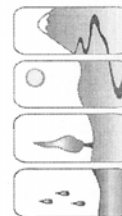
Fundraising Chair
Kaitlyn Allegretti

Publicity Chairs
Chelsea Korfel

Faculty Advisor
Don Pair, PhD

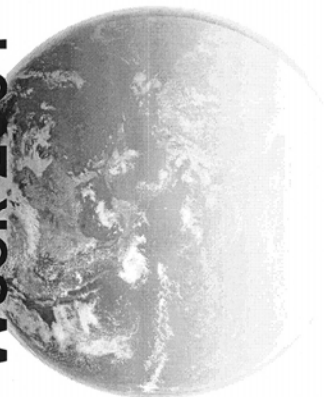
For more information contact:
Hillary Sletten
slettehr@notes.udayton.edu
X78204

Or visit our website:
[http://artsscience.udayton.edu/
geology/earthscienceweek.asp](http://artsscience.udayton.edu/geology/earthscienceweek.asp)



*University of Dayton's
2nd Annual*

Earth Science Week 2004



*Living on a
Restless Earth*

October 10 - 15

ESW Events Schedule- all students, faculty and staff welcomed

Sunday October 10

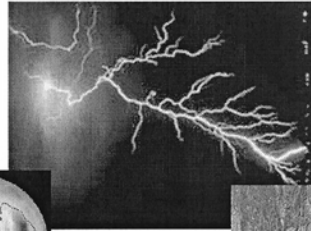
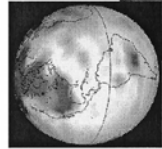
- ESW and Sustainability Club will be hosting the Energy Contest Cookout and Blackout
- The energy contest is a competition between houses in the student neighborhoods to see whose house can conserve the most energy. Computer programs will be used to determine winner. Top 25 houses will receive various prizes. Turn off your lights and join us for some free food!*
- Roesch Library Greenspace, 5-7pm

Monday October 11

- Speaker: Dr. John Eastman, Environmental Engineer for LJB
- Topic: Living in Harmony with a Restless Earth
- Examines how we as individuals, and as society, can consciously adapt our lives to earth's powerful climatic and geologic forces. Participants, regardless of career path, will be empowered to make conscious life choices that will create a positive impact for our world.*
- West end Science Center Auditorium Room 114, 7 pm
- Refreshments will be served.

Tuesday October 12

- Student- Faculty Dinner
- Topic: "Environmental Policy: How American Politics is Shaping the world we Live In"
- Professors attending: Dr. Goldman (geology), Dr. Poe (philosophy), Dr. Bliss (political science), Dr. Inscho (environmental politics).
- Eco-house: 233 Stonemill, 6-8 pm
- Reservations to Kori Murray (murrayka@notes.udayton.edu) by 5 pm Monday October 11. Only 40 seats available!



Wednesday October 13

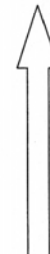
- Distinguished Speaker Series: E.O. Wilson
- Topic: "The Future of Life"
- Kennedy Union Ballroom, 8pm
- (not an ESW event)

Thursday October 14

- IMAX Movie: "Forces of Nature"
- Cincinnati Natural History Museum
- Carpooling to get there, meet behind the Science Center at 5:20 pm
- Cost: \$3.00 (originally \$6.75)
- Reservations to Kaitlyn Allegretti (allegkrkm@notes.udayton.edu) to reserve a seat

Friday October 15

- Career and Information Fair
- Informal opportunity to meet professionals working in the Earth Sciences
- Kennedy Union Ballroom 2-5 pm



ESW Raffle

Sales October 4-15
Kennedy Union 11am-2pm*

Dayton to Daytona \$1.00/ ticket

All other prizes \$0.50/ ticket or \$2.00/ 5 tickets

Prizes include:
UD bookstore apparel and local gift certificates

Money raised will be donated to:
Patterson Elementary School Science Programs
Dayton, Ohio

Career Fair Information

Representatives from various companies will be present to help students gain insight into careers and opportunities available after graduation.

Representatives include:

- Ohio EPA
- Jobs Henderson and Associates Inc. Civil Engineering and land Surveying
- Hull and Associates, Inc.
- Strategic Environmental and Ecological Services
- Miami Water Conservancy District
- Marianist Environmental Education Center (MEEC)
- Mineralogical Society of America
- Arcadis
- H.C. Nutting Company