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Earth Science Week 2012 Highlights

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Virginia Highland-Druid Patch
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Earth Science Week 2012 Theme Announced:
“Discovering Careers in the Earth Sciences”

Alexandria, VA -- The American Geosciences Institute (AGI) is pleased to announce that the theme of Earth Science Week 2012 will be “Discovering Careers in the Earth Sciences.” This year’s event will boost awareness about the geosciences and the many exciting career and job opportunities in the field.

Earth Science Week 2012 materials and activities will engage young people and others in learning how geoscientists gather and interpret data about the Earth and other planets. Through careers in geology, geophysics, oceanography, hydrology, paleontology, Earth science education, and many other fields, they enhance our understanding of Earth processes and improve the quality of human life.

“With this year’s focus on jobs, Earth Science Week provides a great chance for teachers and guidance counselors to spread the word to students and parents about geoscience careers,” says Ann Benbow, AGI’s Director of Education and Outreach. “With over 150,000 positions expected to open in the next decade, opportunities for building an exciting and meaningful career in the geosciences have never been better, even in this tough economy,” says Christopher M. Keane, head of AGI’s Geoscience Workforce Program.
Earth Science Week 2012 Toolkits Available for Order

Alexandria, VA – The American Geosciences Institute (AGI) is now accepting advance orders for the Earth Science Week 2012 Toolkit. The Earth Science Week 2012 Toolkit contains educational materials for all ages that correspond to this year’s event theme, “Discovering Careers in the Earth Sciences.”

Materials include the traditional program poster and school-year activity calendar, as well as exciting materials from distinguished program partners such as the National Park Service, NASA, the U.S. Fish and Wildlife Service, Esri, and professional geoscientific societies. This year’s Toolkit provides students with the opportunity to learn about careers in the geosciences, the geologic time scale, GIS, climate science, and much more!

Earth Science Week is an annual event led by AGI along with its sponsors and the greater geoscience community. Each year, community groups, educators and interested citizens organize celebratory events across the country to service and educate the public. Activities allow participants to discover the Earth sciences and engage in responsible stewardship of the planet. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, the American Geophysical Union, and Esri.

Earth Science Week 2012 will be celebrated October 14-20. To learn more, please visit http://www.earthsciweek.org/. To order your Toolkits, please visit http://www.earthsciweek.org/materials/index.html. You may also call AGI Publications to place your order at 703-379-2480.

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The American Geosciences Institute is a nonprofit federation of geoscientific and professional associations that represents more than 250,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.
Earth Science Week 2012 Contests Announced

Alexandria, VA – In celebration of Earth Science Week 2012, the American Geosciences Institute (AGI) is sponsoring three national contests honoring this year’s theme “Discovering Careers in the Earth Sciences.” This year's competitions will feature a photography contest, a visual arts contest, and an essay contest.

Students, geologists, and the general public are invited to participate in this year’s photography contest, “Earth Science is a Big Job.” Entries must be composed of original, unpublished material, and capture how Earth scientists work in your community.

This year’s visual arts contest, “Imagine Me, an Earth Scientist!” is open to students grades K-5. Use artwork to imagine yourself as an Earth scientist! What would you study? How would you gather information? And what tools would you use?

Finally, students grades 6 through 9 may participate in the essay contest. This year’s essays must address the idea of “Geoscientists Working Together.”

Submissions will be judged by a panel of geoscientists on creativity, relevance, and incorporation of the topic at hand. Selected winners will be awarded for their submissions. For details, please visit http://www.earthsicweek.org/contests/index.html.

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Earth Science Week is an annual event led by AGI along with its sponsors and the greater geoscience community. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, The National Park Service, Esri, The American Geophysical Union and others. To learn more about Earth Science Week please visit http://www.earthsicweek.org/index.html.

The American Geosciences Institute is a nonprofit federation of geoscientific and professional associations that represents more than 250,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.
American Geosciences Institute
September 18, 2012
http://www.agiweb.org/outreach/2012news.html

FOR IMMEDIATE RELEASE
September 18, 2012
Contact: Geoff Campshire
gac@agiweb.org

Geologic Map Day: Celebrate October 19th!

Alexandria, VA – Celebrate the first-annual Geologic Map Day! On October 19, as a part of the Earth Science Week 2012 activities, join the American Geosciences Institute (AGI), the Association of American State Geologists (AASG), and the U.S. Geological Survey (USGS) in promoting the importance of geologic mapping to society.

Geologic maps are important for education, science, business, and a variety of other public policy concerns. Geologic Map Day will focus the attention of students, teachers, and the general public on the study, uses, and significance of these tools, by engaging audiences through educational activities, print materials, online resources, and public outreach opportunities.

Be sure to check out the Geologic Map Day poster included in this year’s Earth Science Week Toolkit (http://www.agiweb.org/pubs/pubdetail.html?item=609610). The poster provides a geologic map of the United States, plus step-by-step instructions for a related classroom activity. Additional resources for learning about geologic maps can be found on the new Geologic Map Day web page (http://www.earthsciweek.org/geologicmap/).

Earth Science Week 2012 will be celebrated October 14-20. To learn more, please visit http://www.earthsciweek.org/. To order your Toolkits, please visit http://www.earthsciweek.org/materials/index.html. You may also call AGI Publications to place your order at 703-379-2480.

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The American Geosciences Institute is a nonprofit federation of geoscientific and professional associations that represents more than 250,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.
National Fossil Day to be Held During Earth Science Week 2012

Alexandria, VA - The American Geosciences Institute (AGI) and the National Park Service (NPS) invite you to participate in the third annual National Fossil Day on October 17, 2012 during Earth Science Week (October 14-20).

National Fossil Day brings together paleontologists, educators, and students from across the country to participate in fossil-related events and activities in parks, classrooms, and online!

AGI and the NPS have developed resources and activities to highlight the scientific and educational value of paleontology, as well as the importance of preserving fossils for future generations. Visit the NPS National Fossil Day website at http://nature.nps.gov/geology/nationalfossilday/ for standards-based lesson plans, fossil trading cards, a virtual museum exhibit, and more! You can also find fossil-themed activities in the Earth Science Week 2012 Toolkit, available at http://www.earthsciweek.org/materials/index.html.

The National Park Service is also sponsoring a National Fossil Day Art and Photo Contest. Entries should address the theme "Careers in Paleontology" and be postmarked by October 5, 2012. See complete contest guidelines at http://nature.nps.gov/geology/nationalfossilday/art_contest.cfm.

In addition to online resources, local events, and contests, NPS and the Smithsonian Museum of Natural History are holding the National Fossil Day kick-off event in Washington, D.C. This celebration on the National Mall will take place from 10:00 a.m. until 2:00 p.m. on October 17, 2012. All are invited to learn how to become a Junior Paleontologist, study the history of life that has been preserved in over 230 NPS units, and take part in a mock fossil dig. For more information on the kick-off event, visit http://nature.nps.gov/geology/nationalfossilday/events.cfm#DC.

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AGI coordinates Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, the American Geophysical Union, ExxonMobil, and Esri. To learn more about Earth Science Week and National Fossil Day, go to http://www.earthsciweek.org/.
Earth Science Week

TO ALL TO WHOM THESE PRESENTS COME - GREETINGS:

WHEREAS: This year marks the Fifteenth Annual Earth Science Week, designated by the American Geological Institute (AGI) to help the public gain a better comprehension and appreciation for the earth sciences; and

WHEREAS: The theme for 2012, “Discovering Careers in the Earth Sciences”, will raise awareness of the geosciences and the many exciting career and job opportunities in the field; and

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

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

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

WHEREAS: Knowledge of earth sciences provides the basis for preparing for and mitigating natural disasters, including floods, earthquakes, landslides, droughts, volcanic eruptions, coastal erosion, and wildfires;

NOW, THEREFORE, I, MIKE BEEBE, Governor of the State of Arkansas, by virtue of the authority vested in me by the laws of the State of Arkansas, do hereby proclaim October 14 through 20, 2012, as

EARTH SCIENCE WEEK
Association of American State Geologists (AASG)

Geologic Map Day: Celebrate on October 19!

Contact: Vicki S. McConnell, AASG Past President (vicki.mcconnell@dogami.state.or.us)
For Immediate Release
September 18, 2012

Celebrate the first-annual Geologic Map Day! On October 19, as a part of the Earth Science Week 2012 activities, join the American Geosciences Institute (AGI), the Association of American State Geologists (AASG), and the U.S. Geological Survey (USGS) in promoting the importance of geologic mapping to society.

Geologic maps tell the story of each state’s natural history through time, what rocks and minerals are there, how rivers and waterways were formed, where landslides and earthquakes have happened, and much more. Learn how to make geologic maps and how to read and understand them on Geologic Map Day. Go to http://www.stategeologists.org/ and click on your state to find your state’s geologic map and educational materials about your state’s geology.

“In Minnesota we use geologic maps to keep our drinking water safe and to show why we have sinkholes. They are a brilliant tool to answer questions about the land and water posed by everyone from students to our state and national leaders” notes Dr. Harvey Thorleifson, President of AASG and State Geologist of Minnesota.

Additional resources for learning about geologic maps can be found on the AGI Geologic Map Day web page (http://www.earthsciweek.org/geologicmap/). Earth Science Week 2012 will be celebrated October 14-20. To learn more, please visit http://www.earthsciweek.org/.

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The Association of American State Geologists (AASG) is an organization of the chief executives of the state geological surveys in 50 states and Puerto Rico. The first state survey was established in 1823 in North Carolina. By 1840, there were at least 15 state surveys, most of which were charged with the discovery of mineral, energy, land, and water resources in their state or territory. Since 1908, the Association has met regularly to discuss issues of common interest and to initiate united actions when warranted.
Bureau of Land Management (BLM)

The Bureau of Land Management (BLM) is once again celebrating National Fossil Day (NFD) during Earth Science Week, October 14-20, 2012. This year, the American Geosciences Institute’s Earth Science Week theme is “Discovering Careers in the Earth Sciences” that encourages the public to gain a better understanding and appreciation for the Earth Sciences, and to encourage stewardship of the Earth. This theme for Earth Science Week 2012 will boost awareness about the geosciences and the many exciting careers and job opportunities in the geological field. For more information, see http://www.earthscienceweek.org.

The NFD was established by the National Park Service (NPS) in response to the Paleontological Resources Preservation Act (16 U.S.C. 470qaaa-2) that requires federal land managing agencies to create programs that increase public awareness of the significance of paleontological resources. The BLM has made NFD part of its Heritage Education strategy to promote public education about the importance of paleontological resources as part of our Nation’s heritage in order to foster a greater appreciation of their scientific and educational values.

National Fossil Day Resources and Activities: Field offices are encouraged to participate in NFD by:

- Coordinating paleontological interpretive events that may already be planned to be held on or around October 14, 2012, although any event during the summer or fall can be promoted as a NFD event.
- Inviting your regional paleontologist, paleontology coordinator, or permitted researchers working in your area to speak about paleontological resources at a brown bag lunch or some other event.
- Giving presentations at local schools about paleontological resources, a paleontological Area of Critical Environmental Concern, or National Monument or other National Landscape Conservation System units on public lands.
- Conducting field trips to nearby interpreted BLM paleontological localities.
- Coordinating NFD activities with your local partner museums that hold fossil specimens from BLM paleontological localities.

BLM National Fossil Day Web Pages: You should begin planning your events in conjunction with the NFD as soon as possible. The link will be http://www.blm.gov/wo/pwg/more/CRM/national_fossil_day.html. If you would like your event posted on the BLM NFD web page, please forward the information to Lucie Kastner at Bureau@BLM.gov.

Be sure to check the NFD web page at http://national.fossilday/index.cfm that highlights planned activities, shows this year’s artwork and logo, contains ideas for holding events and activities (including this year’s art and photography contest), and links to partner web pages.

National Fossil Day Funding: The Washington Office (WO) has some support funding for Field Offices hosting NFD events. Please contact Lucie Kastner with your proposals by July 30, 2012.

Other Resources: The BLM’s Printed Materials Distribution Section (PMDS) has the following paleontological education materials available in support of your activities:

1. PS-003, black and white 12” x 22” coloring poster from the 150th Anniversary of the Department of the Interior: Dinosaurs, America’s Public Land Legacy For Children of All Ages (Order No. P-593),
Christian Aid

Embargoed until 13 October 2012

FILIPINO SLUM DWELLERS USE SCIENCE TO FIGHT FLOODING

Photos available, credit Christian Aid/Matthew Gonzalez Noda
Flash required to view Big River Rising

To mark this year’s Earth Science Week (14-19 October), international development charity Christian Aid is launching Big River Rising, an interactive documentary which demonstrates the importance of science in helping Filipino slum dwellers cope with flooding that claims innocent lives every year.

Shot during the dramatic August 2012 monsoon deluge, which flooded much of the Manila metropolis and forced more than 700,000 people to evacuate, Big River Rising begins with the story of 52-year-old mother-of-five Belen de Guzman as she nervously monitors the rising river close to her home.

The documentary follows Belen, who has been trained by Christian Aid partner the Centre for Disaster Preparedness to monitor the river and alert her community, as she helps coordinate the evacuation while her shantytown home disappears beneath the floodwaters.

Using photography, text, audio and video, Big River Rising explores how rapid and uncontrolled urban development, mountain deforestation, mining activities and global climatic changes have made Metro Manila and its poorest communities even more vulnerable to flooding. The web-doc also shows why communities choose to stay in the ‘danger zones’, refusing to leave their homes, despite the risk to their lives.
Public release date: 24 Jan 2012
Contact: Geoff Campine
American Geological Institute

Earth Science Week 2012 theme announced: 'Discovering Careers in the Earth Sciences'

Alexandria, VA — The American Geosciences Institute (AGI) is pleased to announce that the theme of Earth Science Week 2012 will be "Discovering Careers in the Earth Sciences." The year's event will boost awareness about the geoscience and the many evolving careers and job opportunities in the field.

Earth Science Week 2012 materials and activities will engage young people and others in learning how geoscientists gather and interpret data about the Earth and other planets. Through careers in geology, geophysics, oceanography, hydrology, paleontology, Earth science education, and many other fields, they enhance our understanding of Earth processes and improve the quality of human life.

"With this year's focus on jobs, Earth Science Week provides a great chance for teachers and guidance counselors to spread the word to students and parents about geoscience careers," says Jim Blewitt, AGI's Director of Education and Outreach. "With over 200,000 positions expected to open in the next decade, opportunities for building an exciting and meaningful career in the geosciences have never been better, even in this tough economy," says Christopher M. Sloan, Head of AGI's Geoscience Workforce Program.

AGI leads Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize educational 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 AGI Foundation, NGS, the National Park Service, ExxonMobil, and IBM.

Earth Science Week 2012 will be celebrated October 14–20. For more about this week and ways to get involved—including newsletters, local events, and classroom activities—please see the Earth Science Week web site at http://www.earthscieweek.org/.

The American Geosciences Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 350,000 geologists, geophysicists, and other earth scientists. Founded in 1948, AGI provides affiliation services to geoscientific societies 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 geoscience play in society’s use of resources, resilience to natural hazards, and the health of the environment.

AGI and EurekAlert! are not responsible for the accuracy of news releases posted to EurekAlert! by contributing institutions or for the use of any information through the EurekAlert! system.
AGI’s Big Ideas in Geoscience video wins 3 awards

Alexandria, VA — Big Ideas in Geoscience, a DVD created by AGI to bring the Nine Big Ideas from the Earth Science Literacy Principles to life, has just won three prestigious awards: Digital Video (DV) Winner in Education, DV Winner in Nature/Wildlife, and Videographer Award of Excellence. These video awards are the latest in a series AGI has garnered over the last few years for its video productions. These include six Telly Awards, six Videographer Awards, two Marcom Awards, and now four DV Awards.

“Winning these awards is very gratifying, as turning a written form into compelling video is quite a challenge, especially when the goal is to engage and excite not just teachers and students, but the general public,” says Big Ideas in Geoscience video producer Cole Riley.

A Big Ideas in Geoscience DVD version has been distributed to secondary schools across the nation, as well as to a range of other formal and informal science education settings. It is also accessible on related websites. YouTube, and TeacherTube. AGI has supported the video by listing each of the Nine Big Ideas to classroom activities on the Earth Science Week web site, www.earthscienceweek.org. The project was made possible through grants to AGI from Occidental Petroleum for production and Marathon Oil for distribution.

AGI and EurekAlert! are not responsible for the accuracy of news releases posted to EurekAlert! by contributing institutions or for the use of any information through the EurekAlert! system.

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Grand Canyon National Park Press Release

Grand Canyon News Release

Release date: Immediate

Contact(s): Maureen Oltrogge
Phone number(s): 928-638-7779

Date: October 2, 2012

Grand Canyon National Park to Celebrate Earth Science Week

Grand Canyon, Ariz - Grand Canyon National Park invites the public to join in its celebration of Earth Science Week (ESW) and National Fossil Day during the week of October 14 – 20, 2012.

Earth Science Week promotes understanding and appreciation of the Earth sciences and their relevance to our daily lives. National Fossil Day, a part of Earth Science Week, fosters a greater appreciation of the scientific and educational value of fossils and promotes public stewardship of fossils sites. Grand Canyon is an ideal place to celebrate ESW, as it is a natural classroom and laboratory for the earth sciences and is one of the world’s most famous geologic landscapes.

The park’s commemoration of Earth Science Week will include a variety of special programs:

- Fossil Walks will be offered from Monday through Thursday, October 15 - 18, at 10 am.
- On Tuesday, October 16, the park will celebrate No Child Left Inside Day as part of Earth Science Week by offering a special family-oriented Fossil Walk at 4:30 pm.
- On Friday, October 19, a 1.5-mile roundtrip guided hike on the Bright Angel Trail to Kolb Seep will focus on the springs and seeps found along Bright Angel Trail and their importance to the canyon.
- Also on Friday, October 19 is the week’s keynote presentation “Eddie McKee: A Grand Life” at 7 pm.
- On Saturday, October 20, keynote speaker, Sarah Andrews, will offer an additional program, “CSI Grand Canyon: How Geologists Help Solve Mysteries” at 11 am.

EXPERIENCE YOUR AMERICA
The National Park Service cares for special places saved by the American people so that all may experience our heritage.
PRESS RELEASE
October 10, 2012
For immediate release

Bureau of Geology Open House at New Mexico Tech on October 18

In recognition of Earth Science Week, and to offer the public an opportunity to become more aware of the resources available to them, the New Mexico Bureau of Geology and Mineral Resources will host an Open House at their offices on the campus of New Mexico Tech on Thursday, October 18, from 2 to 5 p.m. The event is open to the public as well as the entire university community.

In addition to publication sales and free information, activities will include displays on bureau programs and refreshments. The publication sales office will be featuring a variety of new maps and publications and will offer a 10% discount on all bureau publications to walk-in customers that day. Around 4 p.m. they will offer door prizes and a cake celebrating the twentieth anniversary of the publication *Lite Geology*, an online, non-technical publication featuring articles and activities designed primarily for teachers, students, and anyone interested in the earth sciences.

Additional activities will take place in the Workman Center adjacent to the mineral museum, including special giant crystal exhibits, informal mineral museum tours, fossil and mineral education demos, a sand magnification demo, and a classroom earthquake emergency kit display. The bureau’s offices are located on Olive Lane near Macey Center and directly across the street from the Petroleum Recovery Research Center. Come join the fun, and learn about New Mexico’s natural resources!

The New Mexico Bureau of Geology and Mineral Resources is a non-regulatory research and service division of New Mexico Tech in Socorro. The bureau serves as the geological survey for New Mexico, conducting research, developing geologic maps and other publications, and providing accurate and up-to-date information on a wide variety of geologic subjects. The bureau serves as a repository for cores, well cuttings, and statewide geologic data. It also provides public education and outreach through its publishing program, workshops, teaching, and the Mineral Museum on campus.

For further details, contact Susie Welch at susie@nmt.edu or 575-835-5112.
PRESS RELEASE
October 10, 2012
For immediate release

Earth Science Week in New Mexico

The American Geological Institute (AGI) has sponsored Earth Science Week each year since 1998. This international event is designed to help the public, teachers, and students gain a better understanding and appreciation for the earth sciences, and to encourage proper stewardship of our planet. Celebrated October 14-20, 2012, the theme for this year is “Discovering Careers in the Earth Sciences.”

The New Mexico Bureau of Geology and Mineral Resources at New Mexico Tech sponsors this event each year. Toolkits containing a wide variety of materials are available to teachers. Two-minute radio broadcasts on geologic subjects of interest to New Mexicans will air each day from October 8-12 at 7 p.m. on KUNM; broadcasts for this year and previous years are posted on the bureau’s website at: [http://geoinfo.nmt.edu/events/esweek/home.html](http://geoinfo.nmt.edu/events/esweek/home.html). The bureau will also participate in Bosque Conservation Day on October 17, which will include a hike for students along the Rio Grande near Socorro. For more information on the bosque event contact Andrea Brophy, Friends of the Bosque Del Apache National Wildlife Refuge at: [friendsee@sdc.org](mailto:friendsee@sdc.org). For details regarding the national activities, visit AGI’s website at: [http://www.earthsciweek.org/index.html](http://www.earthsciweek.org/index.html).

During Earth Science Week this year the bureau will release the 20th anniversary issue of *Lite Geology*. First published in 1992, the periodical originated as an informative and entertaining publication focused on earth science topics and current issues in New Mexico, one that would appeal to a broad audience and serve as an outreach tool for educators and the public. Over the years the original quarterly print publication evolved into a semi-annual online publication. *Today Lite Geology* is available as a free download from the New Mexico Bureau of Geology website, along with the entire collection of back issues. Each issue now includes short articles, classroom activities, puzzles, and links to online resources. Each issue has a theme, and the topic for the current issue is *The Evolution of the Rio Grande*. Other recent issues address the Rio Grande Rift, Ancient Tsunamis, Magnification, Geothermal Energy, Extraterrestrial Geology, and Understanding Climate. Check out all these issues at: [http://geoinfo.nmt.edu/publications/periodicals/litegeology/home.html](http://geoinfo.nmt.edu/publications/periodicals/litegeology/home.html).

In recognition of Earth Science Week and to offer the public an opportunity to better understand the activities, programs, and resources of the New Mexico Bureau of Geology and Mineral Resources, there will be an Open House from 2-5 p.m. Thursday, October 18 at the bureau’s offices on the New Mexico Tech campus. The public is invited to attend. Activities will include special mineral exhibits and informal mineral museum tours, geologic and aquifer mapping displays, mineral education demos, and a classroom earthquake emergency kit display. A 10% discount on all bureau publications will be available to all walk-in customers that day. Come for door prizes, refreshments, and a cake celebrating the 20th anniversary issue of the publication *Lite Geology*. For further details and directions to the Open House, contact Susie Welch at: [susie@nmt.edu](mailto:susie@nmt.edu) or 575-835-5112.
USGS - U.S. Geological Survey

03/18/2012 | Press release

Dig This – Geologic Map Day

distributed by noodles on 03/18/2012 09:39

Celebrate the inaugural “Geologic Map Day” on October 19, as a part of the Earth Science Week 2012 activities.

Geologic maps are important for education, science, business, and public policy concerns. Geologic Map Day will focus the attention of students, teachers, and the general public on the study, uses, and significance of these tools by engaging audiences through educational activities, print materials, online resources, and public outreach opportunities.

“Geologic maps have grown and evolved with the information age into multi-dimensional, interactive, online tools that far surpass what was previous possible in the days of static paper products,” said USGS Director Marcia McNutt. “They facilitate the integration of large data sets, ease the understanding of complex phenomenon, encourage frequent updates with new information, educate the next generation of brilliant minds, and promote the wise and efficient investment of public and private resources.”

Be sure to check out the Geologic Map Day poster included in this year’s Earth Science Week Toolkit. This poster provides a geologic map of the United States, plus step-by-step instructions for a related classroom activity.

Earth Science Week 2012 will be celebrated October 14-20.
"GEOLOGIC MAP DAY"

Celebrate the inaugural "Geologic Map Day" on October 19, as a part of the Earth Science Week 2012 activities. The U.S. Geological Survey is partnering with the American Geological Institute and the Association for American State Geologists to promote the importance of geologic mapping to society.

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Earth Science Week 2012 will be celebrated October 14-20. Earth Science Week Toolskits can be ordered online or call AGI Publications at 703-379-1400.

For more information, visit the Geologic Map Day web page.
Fossil Discovery Center Plans Numerous Activities and Displays for National Fossil Day

The Fossil Discovery Center in Chomoilla has numerous activities and special exhibits planned for their second observance of National Fossil Day according to the Yosemite Sierra Visitors Bureau.

(PRWEB) October 12, 2012

The Fossil Discovery Center of Chomoilla is pulling out all the stops for their second annual celebration of National Fossil Day.

Taking place October 20, the museum located right off Highway 99 just south of Chomoilla, will be holding tours of the museum, mock digs, an NFL (fossil) throwing competition and much more.

In addition to animal fossil specimens ranging from saber tooth cats, short faced bears and more on display, they will also have an (hand formed) skull replica and a display showcasing early human evolution.

"You will really showcase all walks of life from the Pleistocene era on," said Fossil Discovery Center director Blake Bufford.

"From the animals to the people, guests will be able to get a good idea of what life was like here in the ancient past," he said.

In addition to fossils, guests will be able to get up close and personal with some living creatures compliments of the Fresno Chaffee Zoo from 11 am to 1 pm.

"This really brings it home and shows how much things have changed, and even how some things haven't."
Dig This -- Geologic Map Day

The U.S. Geological Survey is partnering with the American Geosciences Institute and the Association for American State Geologists to promote the importance of geologic mapping to society.

Released: 9/18/2012 8:00:00 AM

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For more information, visit the Geologic Map Day web page.

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

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National Geologic Map Database Gets a Face Lift

The U.S. Geological Survey and the Association of American State Geologists (AASG) have entered into a partnership to launch a redesigned database of geologic maps called the National Geologic Map Database (NGMDB).

Revised: 10/28/2013 8:00:00 AM

Contact Information:

Dave Eldred
Phone: 703-649-6077
Email: david.eldred@usgs.gov

Mark Nadeau
AASG
Phone: 703-288-3005

In concert with the inaugural multi-agency Geology Map Day, the USGS and AASG are pleased to release a significantly updated infrastructure and a new "face" to the NGMDB. For example, the "face" features a visually compelling new interface that uses the latest technology to portray the nation's geologic maps published to the USGS, the state geological surveys, and many others. These maps, available from the NGMDB, in several popular and easy-to-use formats, can be viewed in detail and downloaded from the various publishers.

"Students, resource professionals, government managers, and anyone else who needs easy access to large amounts of geologic information that is authoritative, quality controlled, and accessible is thrilled that we are going to present the new map viewer for geoscience information," said USGS Director Marcia McNutt. "We are grateful to the enduring partnership with our colleagues at the many state geological surveys which has enabled coordinated data delivery to the public at large."

The online repository, mandated by Congress as a State-Federal partnership, is the result of a three-year joint venture. The mandate is to provide rapid access for resource managers, scientists, and the general public to well-documented and standardized geoscience information that can be used to support research, understanding, and decision making on a scale beyond current needs. With this redesign, the NGMDB further enhances its ability to fulfill that mission.

For more information, visit the National Geologic Map Database website.

USGS provides science for a changing world. Visit USGS.gov and follow us on Twitter @USGS and our other social media channels.

Links and contacts within this release are valid at the time of publication.
Wyoming Governor Matt Mead has proclaimed the week of October 14-20 as Wyoming Earth Science Week. Earth Science Week coincides with National Fossil Day on October 15, with events planned by both the Tate Geological Museum at Casper College and the University of Wyoming Geological Museum (see below for details). “In Wyoming we are fortunate to have rich and diverse resources of all kinds – energy, mineral, water, and fossil. This week is a great time to explore Wyoming’s remarkable geology,” Governor Mead said.

Sponsors of this Proclamation and Earth Science Week include the Wyoming State Geological Survey (WSGS), Wyoming Geological Association, Casper College Earth Science Department, Tate Museum at Casper College, Department of Geology and Geophysics at the University of Wyoming, the University of Wyoming Geological Museum, and the Society for Mining, Metallurgy and Exploration.

To kick off Earth Science Week, the WSGS provided educational toolkits – geologic posters, career and college information, teaching resources and activities – to junior and high school science teachers across the state. To order a copy, please contact chamois.andersen@wyo.gov.

“This week gives Wyoming students and residents new opportunities to discover the wonders of our Earth and to encourage stewardship and sustainability of our natural resources,” State Geologist and WSGS Director Tom Eisen said. “I encourage all our citizens and students to get out this week and take advantage of the learning opportunities in celebration of Earth Science Week.”

The Tate Geological Museum at the Casper College is hosting an open house from 3 p.m. to 6 p.m., Wednesday, October 17th to celebrate the occasion. Bring the family and enjoy special tours of the museum, Doc the Mammoth, the largest Columbia mammoth found in North America, and the Lee Rex barn and the “T” new exhibit. A variety of interactive science demonstrations and activities will also be available to watch.
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The Tate Geological Museum at the Casper College is hosting an open house from 8 a.m. to 6 p.m., Wednesday, October 17, to celebrate the occasion. Bring the family and enjoy special tours of the museum. See the Mammoth, the largest Columbian mammoth found in North America, and the Ice Age Barn and the T. rex specimen. A junior paleontology program and activities will also be available to youth.

Also for Earth Science Week the University of Wyoming Geological Museum, while temporarily closed for renovations, and sponsored by the Department of Geology and Geophysics, has arranged a special "Passport to Adventure" event, from 8 a.m. to 6 p.m. also on Wednesday, October 17. Children can pick up their passport at the UW Earth Sciences Building and participate in this fun exploratory event.

This year’s Earth Science Week celebration is hosted by the American Geosciences Institute and sponsored by the Association of American State Geologists, with the Wyoming State Geological Survey, as Wyoming’s coordinating sponsor.

Explore the Secrets of the Earth

Join the International EarthCache Day celebration on October 14. Each EarthCache teases visitors about the playground all geocachers enjoy: the Earth. An EarthCache takes adventurers to a unique site showcasing geological features. Simply discover and log an EarthCache, or attend an EarthCaching event this Sunday to take part in the worldwide movement.

EarthCaches can reveal why a giant boulder came to rest in the middle of a prairie or how a river flows in two opposite directions in one day. Instead of finding a container at an EarthCache, geocachers learn and report their geology discovery to log a smiley.

There are now more than 14,000 active EarthCaches around the globe. Go to the official Geocaching.com Facebook page to share your International EarthCache Day experience.
Order Your Earth Science Week 2012 Toolkits Today!

The American Geosciences Institute (AGI) is now accepting advance orders for the Earth Science Week 2012 Toolkit. The Earth Science Week 2012 Toolkit contains educational materials for all ages that correspond to this year's event theme, "Discovering Careers in the Earth Sciences."

Materials include the traditional program poster and school-year activity calendar, as well as exciting materials from distinguished program partners such as the National Park Service, NASA, the U.S. Fish and Wildlife Service, and professional geoscientific societies. This year's Toolkit provides students with the opportunity to learn about careers in the geosciences, the geologic time scale, GIS, climate science, and much more!

Earth Science Week is an annual event led by AGI along with its sponsors and the greater geoscience community. Each year, community groups, educators and interested citizens organize celebratory events across the country to service and educate the public. Activities allow participants to discover the Earth sciences and engage in responsible stewardship of the planet. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, the American Geophysical Union, and Exxon.

Earth Science Week 2012 will be celebrated October 14-20. To learn more, please visit http://www.earthsciweek.org/. To order your Toolkits, please visit http://www.earthsciweek.org/materials/index.html. You may also call AGI Publications to place your order at 703-370-2480.

Next Generation Science Standards Under Development

Krista Rybacki, 2012 Geoscience Policy Summer Intern

AGI Announces Plans for the New Center for Geoscience Education and Public Understanding

The American Geosciences Institute (AGI) is pleased to announce its intention to launch a new initiative to address the critical need of increasing geoscience literacy. AGI's new Center for Geoscience Education and Public Understanding will serve as a centralized 'go to' hub for essential geoscience educational material, current information on geoscience topics, new educational tools, and a home for Geoscience Critical Issue Forums to define the state of the science knowledge on key topics.
Consider an Earth Science Week Lecture

Earth Science Week is an annual educational event that highlights the role of Earth science in society. This year’s theme is “Discovering Careers in the Earth Sciences.” See the Earth Science Week website [http://www.earthscienceweek.org](http://www.earthscienceweek.org) for additional information.

As part of Earth Science Week the Geology Department at GVSU has arranged for several expert speakers to visit campus and describe a range of topics including volcanoes, energy, water, Great Lakes and sustainability. The lectures are free and open to everyone. For more information or questions contact Steve Mattix at (616) 285-7734 or smattix@gvsu.edu.

Monday, October 15
En. Peter van Kemenade, 3 pm, PBB 261, Dynamics of Subduction Zones and the Recycling of Water to the Deep Earth.

En. Peter van Kemenade, 7 pm, Loosemore Auditorium, When Earth Attacks: War on Our Planet Causes Volcanoes and Earthquakes.

Tuesday, October 16
En. Dennis Mckee, Area manager for Governmental and Public Affairs, Consumers Energy, 9 a.m., LIT 102, The Realties of Electricity Distribution.


Wednesday, October 17
En. Peter Wampler, 5 p.m., Mari吀as 107, Hungry Dogs Don’t Play - Water Culture and Practices in Haiti.

Thursday, October 18
En. Ranimari Sinkala, 1-4 p.m, MTT 110, Observations for Earth Science Studies - Earthquake Clusters of Malawi (Lake Chilwa)
How to SMILE (Science and Math Informal Learning Educators)
http://tinyurl.com/cazskwy

National Chemistry Week Nano

“Nanotechnology: The Smallest IS is Stewart” is this year’s National Chemistry Week theme. It is not too early to start planning local events for the week of October 21-27. You can either stress the importance of the event or much more happenings near you on the American Chemical Society’s home page.

(*Start exploring all kinds of nanotechnology today with<br> http://tinyurl.com/cazskwy*)

One of the most popular weekly features is “One Minute Science” from Science News (http://news.science News.org). The feature is a web-based resource for educators and enthusiasts of all ages.

(*One Minute Science is a great resource for educators and enthusiasts of all ages*)

Working the Earth

This year, Earth Science Week (October 14-21) celebrates “Discovering Careers in the Earth Sciences.” This theme is a good fit for the HowToSmile.org and Science News sites.

(*Working the Earth is a great fit for the HowToSmile.org and Science News sites*)

Exploring Mars

*http://tinyurl.com/cazskwy*

(Astronauts are on Mars, and they continue to learn about the planet’s climate, surface, and other features. Explore the latest information on exploring Mars at http://ExploringMars.org.)

Upcoming Events

- September 27-29 Madison, WI Wisconsin Science Festival
- September 28-30 New York City, New York, NY New York Hall of Science Grand Opening
Changes at NESTA

We have a few major changes to announce at NESTA. As some of you know, my husband Dr. Timothy Killeen will soon be finishing up his appointment as an Assistant Director of the National Science Foundation for the Geosciences at the end of this month. He has recently accepted a position at the State University of New York as the President of the SUNY Research Foundation and the Chancellor for Research. I have also accepted a position in the faculty of the Department of Atmospheric and Planetary Science at the University of Alberta, starting in August 2012.

In this new position, I will teach courses in atmospheric and environmental science, and I will continue as NESTA Executive Director as a component of my service role at the university. My husband and I are both excited that this will allow us to actually spend substantial time together in the same town for the first time in four years! From the perspective of NESTA and Windows to the Universe, this change should have no negative impact, and may indeed have a significant positive impact, in view of the close connection I will have with the faculty at U of A, who have expressed considerable interest in expanding their education and outreach activities. Our projects and activities, including professional development workshops and publications, will continue without any significant changes.

Because of this change, we have also decided to close the NESTA office in Boulder, since I will be in New York most of the time. We will continue to receive mail at our PO Box in Boulder, Colorado, and will continue our financial operations in Boulder - we will just have a chance to save on office costs, since we don't really need an office at this point. We can also accept larger package shipments at an address that will soon be available on the NESTA website. Finally, please note that my email address will remain the same - I need to change that in your email list. Have a great summer! -Roberta

Earth Science Week 2012 - October 14-20

If you became an Earth scientist, what would you actually do? What funds are available to help pay for your studies? How could you get real-world work experience while still a student? You're invited to explore such questions during Earth Science Week (October 14-20, 2012) by celebrating the theme "Discovering Careers in the Earth Sciences."

For the answers to questions like these, look no further than "Geoscience Careers, Scholarships, and Internship Resources." This new page on the Earth Science Week web site can help you learn how to build a geoscience career in fields such as oceanography, paleontology, seismology, mineralogy, meteorology, geophysics, petroleum geology, environmental science, and space science.

The site includes dozens of links to online resources offered by AGI member societies, program partners, and other governmental, corporate, and nonprofit organizations in the geoscience community. To learn more, visit http://www.earthscienceweek.org/earthweek/earthweekcareer.html

Earth Science Week Contests

In celebration of Earth Science Week 2012, the American Geosciences Institute (AGI) is sponsoring three national contests honoring this year's theme "Discovering Careers in the Earth Sciences." This year's competitions will feature a photography contest, a visual arts contest, and an essay contest.

Students, geologists, and the general public are invited to participate in this year's photography contest, "Earth Science Is a Big Deal." Entries must be composed of original, unpublished material, and must capture how Earth scientists work in your community.

This year's visual arts contest, "Imagine Me, an Earth Scientist!" is open to students grades 6-12. Use artwork to imagine yourself as an Earth scientist. What would you study? How would you gather information? And what tools would you use?

Finally, students grades 6 through 9 may participate in the essay contest. This year's essays must address the idea of "Geoscientists Working Together."

Submissions will be judged by a panel of geoscientists on creativity, relevance, and incorporation of the topic at hand. Selected winners will be awarded for their submissions. For details, please visit http://www.agi.org/earthweek/earthweekcontest.html.
Friday Is Geologic Map Day

The last of the special designated days in Earth Science Week is Geologic Map Day. This is dear to my heart because geologic maps, to me, are the best way to contemplate how different the world looks when you gain a bit of geologic awareness. Underneath the civilized world of snip black lines and precise borders, the geologic map shows us a primal landscape of rocks and faults, clues to an impossibly ancient world that has tantalizing relationships with our own. Geologic maps enrobe you to get out in the countryside and see what those lines and pattern represent on the ground. And geologic maps are full of color.

Enjoy today!

Geologic map background:
- How to read a geologic map
- Geologic maps of the 50 United States
- Geologic color schemes: a peculiar history

Comments

No comments yet. Leave a Comment

Related Articles
- Earth Science Week - A Special Week for Earth
- The Web-Wide World: Digital Earth, the Ultimate Geologic Map
- Colors on Geologic Maps - A Peculiar History
- Geologic Map Colors, US Geological Survey
- Historic Geologic Map Color Standards
National Fossil Day

Celebrate National Fossil Day - October 17, 2012

National Fossil Day is a celebration organized by the National Park Service to promote the public awareness, education, stewardship, and to foster a greater appreciation of their scientific and educational values. For more information, visit http://nps.gov/geo/nationalfossilday

Come see and learn about fossils in Alaska:
- Find out about Fossil Collecting and Artifact Hunting
- Discover Dinosaurs in Alaska
- Read about Fossil Beds in Alaska in a University of North Dakota Study

Teachers
Check out our Dinosaur Kit for your class or one of our other hands-on educational kits or try a Fossil Day activity in your classroom.

Not in Alaska? Check out a Fossil Park near you at http://nps.gov/geology/nationalfossilday

http://www.alaskacenters.gov/fossil-day.cfm
National Fossil Day 2012

National fossil day 2012 date is 17th October

**History of National Fossil Day**

National Fossil Day is a nationwide celebration organized by the National Park Service aiming at the promotion of the scientific and educational values of fossils, and to build up public awareness and stewardship of fossils. The National Park Service along with its more than 130 partners, including museums, institutions, organizations and other groups, collectively work to make this event a grand success. Different countries celebrate National Fossil Day on various days with events at museums, parks, universities, and non-profit organizations. It encourages the science-based management of fossils on public lands.

**Why is National Fossil Day Celebrated?**

National Fossil Day is celebrated to make people aware of the fossil heritage and to raise a greater appreciation of their scientific and educational values. Study of fossils is important as it makes us aware of our evolutionary past. Without fossils, we wouldn’t have known about the dinosaurs. Thus national fossil day celebrates these magnificent traces of prehistoric life.

**How is National Fossil Day Celebrated?**

- Hundreds of activities will be hosted across the countries as part of National Fossil Day celebrations, making public aware of the world’s fossil heritage.
- National Fossil Day activities highlight natural processes that mould our planet over time to correlate with this year’s Earth Science Week theme—"Our Ever-Changing Earth".
- National Fossil Day celebrations will be accompanied by paleontologists and park rangers, sharing their fossil discoveries at special events nationwide and explain the importance of preserving fossils where they are found. Thus it is an opportunity for each person to share a sense of discovery!
- National Fossil Day celebrations examine the diverse variety of fossils as clues for understanding the history of life, past climates, and ancient landscapes.
- It makes people aware of the fact that fossils are non-renewable resources, thereby emphasising the importance of preserving fossils for future generations.
- National Fossil Day celebrations encourage paleontologists to be part of the activities at local schools, parks, museums and similar settings throughout the United States.
Earth Science Week Focuses on Careers

"Discovering Careers in the Geosciences" is the theme of Earth Science Week 2012, which is an annual event that promotes scientific understanding of our planet.

A poster promoting activities being held Oct. 14-20 is inserted in U.S. addresses of this issue at page 11.

The theme of ESW 2012 aims to boost awareness about the geosciences and the many exciting career and job opportunities in the field.

Among the events are three national contests, including

- A photography contest for students, geologists and the general public, with the images representing "Earth Science is a Big Job." Entries must be composed of original, unpublished material, and capture how Earth scientists work in the community.

- An essay contest, "Imagine Me, An Earth Scientist" is open to students in grades 4-9. Use art and words to imagine yourself as an Earth scientist. What would you study? How would you gather information? And what tools would you use?

- Students in grades 6 through 9 can participate in the essay contest addressing the idea of "Geoscientists Working Together."

Submissions will be judged by a panel of geoscientists on creativity, relevance and focus on the topic. Selected winners will be awarded for their submissions.

The ESW program, launched by the American Geological Institute in 1999, encourages a "grass roots" effort for the geosciences community to publicize the event, distribute teaching materials and provide guidance for those interested in participating in ESW.

Earth Science Week is organized annually by AGI with support from the AAPG Foundation, the U.S. Geological Survey, U.S. Department of Energy, NASA, the U.S. National Park Service, ExxonMobil, BP and others.
American Association of Petroleum Geologists (AAPG) – Tamuk Student Chapter
http://tamuk.collegiatelink.net/organization/TAMUK_AAPG/calendar/details/183970

Hosted by: American Association of Petroleum Geologists TAMUK Student Chapter

When: Monday, October 15 2012, 1:30 PM to 3:00 PM

Location: Pavilion Outside SUB

Categories: Lecture / Speaker, Meeting, Program / Activity, Social / Entertainment
No Child Left Inside

October 15th, 2012 by Julia Balken

Happy Earth Science Week! Today marks day two of this annual international event, which the American Geosciences Institute has organized since October 1980. Each year, the event addresses the broader goal of increasing public understanding and appreciation of earth sciences and encouraging stewardship of the Earth, and this year will be no different. Throughout the course of the week, however, the event will narrow its focus to this year’s particular theme: "Discovering Careers in the Earth Sciences."

Over the years, people in all 50 states and more than five countries have participated in Earth Sciences Week. Events and activities range from educators leading their students through earth science activities to open houses held at major United States Geological Survey field stations. For those with a competitive flare, this year’s Earth Science Week includes a series of contests: a photography contest, a visual arts contest, and an essay contest. Also, several days throughout
Earth Science Week 2012 theme announced!
"Discovering Careers in the Earth Sciences"
#ESW12 @earthsciweek
Earth Science Week 2012 Theme Announced: Discovering Careers in the Earth Sciences

Alexandria, Va — The American Geosciences Institute (AGI) is pleased to announce that the theme of Earth Science Week 2012 will be “Discovering Careers in the Earth Sciences.” This year’s event will boost awareness about the geosciences and the many exciting career and job opportunities in the field.

Earth Science Week 2012 materials and activities will engage young people and others in learning how geoscientists gather and interpret data about the Earth and other planets. Through careers in geology, geophysics, oceanography, hydrology, paleontology, Earth science education, and many other fields, they enhance our understanding of Earth processes and improve the quality of human life.

“With this year’s focus on jobs, Earth Science Week provides a great chance for teachers and guidance counselors to spread the word to students and parents about geoscience careers,” says Ann Banfield, AGI’s Director of Education and Outreach. “With over 150,000 positions expected to open in the next decade, opportunities for building an exciting and meaningful career in the geosciences have never been better, even in this tough economy,” says Christopher M. Keanan, head of AGI’s Geoscience Workforce Program.

AGI leads Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers the public opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. Earth Science Week is supported by the U.S. Geological Survey, the AGI’s Foundation, NASA, the National Park Service, ExxonMobil, and Esri.

Earth Science Week 2012 will be celebrated October 14-20. For more about this week and ways to get involved -- including newsletters, local events, and classroom activities -- please see the Earth Science Week web site at http://www.earthsweek.org/.

Contact: Geoff Camphire, gac@agiweb.org
Prehistoric Day @ the Santa Ana Zoo

Sponsored by The Dr. John D. Cooper Archaeological & Paleontological Center & the Santa Ana Zoo

Sunday, October 7, 2012 - 10:00am - 2:00pm

Location:
Santa Ana Zoo
1881 E. Central Ave.
Santa Ana, CA 92704
United States

The Cooper Center is so excited about National Fossil Day and National Archaeology Day, we decided to celebrate both with a special event at the Santa Ana Zoo.

Come to Prehistoric Day to see and touch real fossils and artifacts from all around Orange County. Learn how real paleontologists and archaeologists dig for fossils. Explore the wonderful animals that still roam the earth today.

Prehistoric Day @ the Santa Ana Zoo is a collaboration between the Dr. John D. Cooper Archaeological and Paleontological Center and the Santa Ana Zoo.

Be sure to check out the Cooper Center Archaeo Lab Facebook page, twitter, and the Cooper Channel for upcoming information about the event.

Twitter: [https://twitter.com/CooperCenter_OC](https://twitter.com/CooperCenter_OC)
YouTube: [http://www.youtube.com/user/coopercenteroc?feature=channel]
Website: [http://www.facebook.com/events/5143356493078/](http://www.facebook.com/events/5143356493078/)
Earth Science Week
@earthsciweek

#Earth #Science Week 2012 Theme Announced: "Discovering Careers in the Earth Sciences!" Read more at earthsciweek.org/pressreleases/...
Association of Earth Science Editors (AESE)
https://twitter.com/#!/AESE.rocks

Earth Science Week @earthsciweek
#Earth #Science Week 2012 Theme Announced: "Discovering Careers in the Earth Sciences!" Read more at earthsciweek.org/pressreleases/...
Retweeted by AssocEarthSciEds

http://www.earthsciweek.org/pressreleases/index.html
**Austin Earth Science Week Consortium**

http://www.cvent.com/events/13th-annual-earth-science-week-career-fair/event-summary-8879593e57ef40daad589a1de5996320.aspx

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**13th Annual Earth Science Week Career Fair**

**You and your students are invited to attend the 13th Annual Earth Science Career Fair!**

A Career Educational Event for Middle School Students

**When?**  Friday, October 5, 2012  
**Where?**  J. J. Pickle Research Campus - Commons Conference Center  
**Time?**  9:45 a.m. until 2:00 p.m.  
**Cost?**  Free

Earth Science professionals will give presentations about their careers and Exhibits Hall has lots of great hands-on activities.

**Careers include:**

- Meteorology and climate  
- Rock, gems, fossils, and minerals  
- Computer technology in the Earth sciences  
- Water resources and management  
- Science education  
- Astronomy  
- Energy resources  
- Alternative energy resources  
- Planetary science  
- Environmental archaeology

**The career fair is limited to 250 middle school students.**
Badlands National Park Flyer

Badlands National Fossil Day Videoconference Reservation Request Form

Part of Earth Science week, National Fossil Day™ is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value. Badlands National Park invites educators to share the fun of fossils with students of all ages by participating in a distance learning videoconference on National Fossil Day, Wednesday, October 17, 2012.

Interactive programs with a Badlands National Park ranger are offered every half hour on National Fossil Day, from 7:00 AM – 3:30 PM Mountain Time. Programs last approximately 20 minutes. To request a reservation, please return this form to BADL_Education_Specialist@nps.gov by Thursday, October 11.

School Name: Click here to enter text.
School phone number: Click here to enter text.
Teacher’s Name: Click here to enter text.
Tech Contact’s Name: Click here to enter text.
My school will connect by:

Skype
South Dakota DDN Site Name
IP Contact – Direct Dial IP 64.251.168.34 (SNDLC schools)
IP Contact – NPS Bridge IP 165.63.115.172 ext. 605433

My school district has has not connected with Badlands National Park before.

<table>
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<tr>
<th>Requested Time</th>
<th>Grade</th>
<th># of students</th>
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<td>1st choice</td>
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<td>2nd choice</td>
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Comments/additional information: Click here to enter text.

Earth Science Week 2012

Monday, October 15, 2012 21:11

We've been a bit quiet on our blog recently, but that's all about to change. We've been busy preparing for another Earth Science Week, and here's where we find the latest intel.

Earth Science Week is organized by the American Geosciences Institute, and for the last two years we've been bringing it to the UK. Last year, we learned about geocaching, experimented with chocolate as a teaching aid and learned how to bring a volcano into the classroom. This year's theme is Careers, and from 15 - 19 October we'll be highlighting just some of the amazing places the study of Earth science can take you.

As well as this, all week at the Science Museum you can visit 'Science on a Sphere', organized in conjunction with the US-based National Oceanic and Atmospheric Administration (NOAA). Shows start at 1:30 and are happening every day, except Wednesday 17th.

First up, we're traveling all the way to the Philippines, where geoscience is helping people to understand the geological hazards on their doorstep.

Professor Fernando Stingen, University of the Philippines Marine Science Institute
The Nevada State Museum Wants Your Help Naming its New Mammoth Skeleton

Priscilla Quigley

The contest is being held in conjunction with the National Park Service's National Fossil Day, which is October 17—so you probably have already marked it on your calendar. The illustration mammoth is the focus of this year's Fossil Day and featured in the official event art.

The Nevada State Museum's mammoths is something of a freeway sight at uptown mall, and in the Las Vegas Review-Journal's report on the contest, the mammoth is stated to be both the museum's education committee and something that makes history. It was acquired for the museum's collection in 1965, and now proudly stands at the door to the institution's new $35 million building.
Capitol Reef National Park
http://www.nps.gov/care/parknews/earth-science-week.htm

Celebrate National Earth Science Week

Date: October 1, 2012
Contact: Visitor Center, 435-425-4111

"Discovering Careers in Earth Science," the theme of Earth Science Week 2012, will boost awareness about the geosciences and the many exciting career and job opportunities in the field. The objectives are to engage all people in discovering the Earth sciences, to remind people that Earth science is all around us, to encourage Earth stewardship through understanding, to motivate geoscientists to share their knowledge and enthusiasm about the Earth.

National Fossil Day, Thursday October 18, 2012:

12:00-5:00 pm Paleontology in Capitol Reef. Numerous activities at Ripple Rock Nature Center, including a mock fossil dig, making fossil models and a talk.

Geology Programs, Friday October 19, 2012:

8:00 am Geology hike for adults. Moderate hike to viewpoint on Cohab Trail. 1.5 hours.

8:00 am Geology hike for kids. Moderate hike to Hickman Bridge. 1.5 hours.
Coalition for Science After School on Twitter
https://twitter.com/#!/SciAfterSchool/status/170556661822537728

@earthsciweek Thanks for following! Make sure to list ESW 2012 in our national Directory: afterschoolscience.org

12:14 PM - 17 Feb 12 via web · Embed this Tweet
_reply Retweet Favorite
Colby Digs Soil

Tag Archives: International EarthCache Day

International EarthCache Day
Posted on October 17, 2012

Many of readers of this blog are outdoor enthusiasts. One “game” that has gained in popularity among outdoor enthusiasts is Geoaching. Geoaching is basically a high-tech treasure hunt where people get coordinates for a hidden geocache from a website called …

Continue reading →

Posted in Found on the Internet, Popular Culture | Tagged Geoaching, GPS, International EarthCache Day, soil | Leave a comment
Delaware Geological Society
http://www.dgs.udel.edu/news/celebrate-geologic-map-day-2012

Celebrate Geologic Map Day 2012!

October 6, 2012
Friday, October 19th has been designated Geologic Map Day 2012. As an extension of the National Cooperative Geologic Mapping Program of USGS, Geologic Map Day focuses the attention of students, teachers, and the general public on the study, use, and significance of geologic maps for education, science, business, and a variety of public policy concerns.

The event is celebrated on the Friday of American Geosciences Institute’s Earth Science Week (ESW). Held October 14-20, ESW 2012 encourages people everywhere to explore the natural world and learn about the geosciences. “Discovering Careers in the Earth Sciences,” the theme of ESW 2012, engages young people and the public in learning how geoscientists gather and interpret data about the Earth and other planets.

A geologic map provides information about the geology (the type and age of rock or sediment) at or below the earth’s surface. Geologic maps are usually available as hard-copy maps, digital maps (e.g., PDFs) or GIS data files (e.g., shapefiles.)

The DGS manages the geologic mapping program for the state of Delaware and has published numerous official geologic maps. Follow the links below to obtain the geology map for your area.

Delaware 1:24,000 Scale Geologic Maps
- OM17 Geologic Map of the Harbeson Quadrangle, Delaware
- OM16 Geologic Map of the Farmount and Rehoboth Beach Quadrangles, Delaware
- OM15 Geologic Map of the Georgetown Quadrangle, Delaware
- OM12 Geology of the Lewes and Cape Henlopen Quadrangles, Delaware
- OM11 Geology of the Ellendale and Milton Quadrangles, Delaware
- OM10 Bedrock Geologic Map of the Piedmont of Delaware and Adjacent Pennsylvania
- OM9 Geology of the Seaford Area, Delaware
- OM8 Geology of the Milford and Mispillion River Quadrangles, Delaware
Oct. 15, 2012 — This week launches a national initiative by the American Geosciences Institute to encourage people to explore the natural world and learn about Earth Sciences. Earth Science Week 2012 runs through Oct. 21 with many museums and schools providing activities for all ages.

To kick off the event check out these amazing maps of changes in Earth’s sea level taken from 1853-2010. Using radar altimeters from multiple satellites the
EarthCache on Facebook
https://www.facebook.com/EarthCache/events
Earth Matter on Twitter
https://twitter.com/#!/EarthDefendah

EarthMatter @EarthDefendah
RT @ASERocks RT @earthsciweek: #Earth #Science Week 2012 Theme Announced: "Discovering Careers in the Earth... bit.ly/xNvxzA

Earth Science Week
@earthsciweek

#Earth #Science Week 2012 Theme Announced:
"Discovering Careers in the Earth Sciences!" Read more at earthsciweek.org/pressreleases/...

26 Jan 12  
Tweet

5:21 PM - 26 Jan 12 via dlvr.it - Details
Reply Retweet Favorite
Earth Science Club of Northern Illinois (ESCONI)

Contests for Earth Science Week 2012

Time to get those cameras, pens and paper out and submit your entries to the AOSI Earth Science Week contests. Open to all ages. Just read the READ MORE for each contest on rules for that contest.

Photography contest: "Earth Science is a Big Job"

Visual Arts Contest: "Imagine Me, An Earth Scientist"

Essay: "Geoscientists Working Together"

Last year's contest winners.

Have a great summer - good luck on collecting!

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Earth Science Week
@earthsciweek

New Earth Science Week May Update! Read at earthsciweek.org/newsletter/201....

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12:42 PM - 23 May 12 via web - Embed this Tweet
Earthsky.org
http://earthsky.org/earth/celebrate-earth-science-week-with-these-9-big-ideas
Earth Science Week 2012: Exploring Careers in the Earth Sciences

By Ellie Muñoz-Osenga, posted on October 18th, 2012 in Education, Environmental Awareness, Quick Look

Every October, geologists, hydrologists, paleontologists and other professionals in the field of Earth Science get to reap in a little extra recognition. The rock-hammer and the geodimeter are dusted with glory. Earth Science Week is on its way.

In 1990, the American Geoscience Institute (AGI) established an event to encourage stewardship while fostering recognition and understanding of the Earth sciences. Every year since then, Earth Science Week (ESW) has been held in mid-October as an opportunity for learning and discovery. This year, Earth Science Week is celebrated from Oct. 14-20.

The event is national and international, with Geoscience Australia offering a relented photo contest. In the United States, state and local officials proclaim the week, and across the nation, different organizations will celebrate by hosting Earth science days at museums and parks. ESW’s website offers a list of upcoming events, sorted by state.

There are resources for visual arts, photographs, and essays.

Since 2002, AGI has offered a theme for Earth Science Week. Themes have included “Water is All Around Us” (2002), “Monitoring Our Changing World” (2003), and “Understanding Climate” (2009). This year’s theme is “Exploring Careers in the Earth Sciences.”
New film shows how Philippines uses science in development

By agency reporter
15 Oct 2012

To mark this year’s Earth Science Week (14-20 October), international development charity Christian Aid has launched Big River Rising, an interactive documentary which demonstrates the importance of science in helping Filipino slum dwellers cope with flooding that claims innocent lives every year.

Shut during the dramatic August 2012 monsoon deluge, which flooded much of the Manila metropolis and forced more than 700,000 people to evacuate, Big River Rising begins with the story of 50-year-old mother-of-five Belen de Guzman as she nervously monitors the rising river close to her home.

The documentary follows Belen, who has been trained by Christian Aid partner the Centre for Disaster Preparedness to monitor the river and alert her community, as she helps coordinate the evacuation while her shantytown home disappears beneath the floodwaters.

Using photography, text, audio and video, Big River Rising explores how rapid and uncontrolled urban development, mountain deforestation, mining activities and global climatic changes have made Metro Manila and its poorest communities even more vulnerable to flooding. The web-doc also shows why communities choose to stay in the ‘danger zone’, refusing to leave their homes, despite the risk to their lives.

Big River Rising explains how scientists are working with Christian Aid and local organisations to train poor communities to understand their geological environment, the hazards they face and their local chaotic weather systems. This training enabled them to develop life-saving early warning systems and community evacuation plans.

Alfie Ver, Senior Programme Officer at Christian Aid in the Philippines said: “If we really want poor people to understand future risks and have opportunities to thrive and not just survive, we have to collaborate with scientists. This will help to protect poor people from future disasters and give them information to make the right decisions.”
Environmental Education in Georgia
http://eeingeorgia.org/net/calendar/details.aspx?ran=815835489&eventid=50464&ses=50464.0.68.4863

Earth Science Week

The American Geological Institute (AGI) invites you to take part in Earth Science Week, encouraging people everywhere to explore the natural world and learn about the geosciences.

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

The 2012 Earth Science Week theme is "Discovering Careers in the Earth Sciences."

Complete Details

EMAIL | PRINT
Environmental Education in Georgia
http://eeingeorgia.org/net/calendar/details.aspx?s=96903.0.0.4863

National Fossil Day
Wednesday, Oct 17, 2012

The National Park Service and the American Geological Institute are collaborating to celebrate National Fossil Day during Earth Science Week. You and your students can participate in events and activities taking place across the country at parks, in classrooms and online.

Do you know what fossils can tell you about climate change? Why do paleontologists protect the locations where fossils are found? National Fossil Day resources and activities can help you answer these questions, celebrating the scientific and educational value of fossils, paleontology, and the importance of preserving fossils for future generations.

National Fossil Day events, resources and initiatives:

- Celebrate the wonderful diversity of fossils as clues for understanding the history of life, past climates, and ancient landscapes;
Environmental Education in Kentucky
http://eeinkentucky.org/net/calendar/details.aspx?s=50464.0.0.37933&dateid=6279

Earth Science Week


The American Geological Institute (AGI) invites you to take part in Earth Science Week, encouraging people everywhere to explore the natural world and learn about the geosciences.

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The 2012 Earth Science Week theme is "Discovering Careers in the Earth Sciences."

Complete Details

SAVE TO MY CALENDAR
- Add to Outlook
- Add to Google Calendar

UPCOMING DATES
- Sunday, Oct 14, 2012 to Saturday, Oct 20, 2012
National Fossil Day
Wednesday, Oct 17, 2012

The National Park Service and the American Geological Institute are collaborating to celebrate National Fossil Day during Earth Science Week. You and your students can participate in events and activities taking place across the country at parks, in classrooms, and online.

Do you know what fossils can tell you about climate change? Why do paleontologists protect the locations where fossils are found? National Fossil Day resources and activities can help you answer these questions, celebrating the scientific and educational value of fossils, paleontology, and the importance of preserving fossils for future generations.

National Fossil Day events, resources, and initiatives:
- Celebrate the wonderful diversity of fossils as clues for understanding the history of life, past climates, and ancient landscapes;
- Promote the understanding that fossils are non-renewable resources and the importance of preserving fossils for future generations;
- Highlight the science-based management of fossils on public lands; Encourage paleontologists to participate in outreach activities at local schools, parks, museums and similar settings throughout the United States;
- Establish partnerships between professional organizations, government agencies and other groups to promote the scientific and educational value of fossils.

Complete Details
Geoscience Careers and Earth Science Week 2012

Anyone who has participated in the annual Esri International User Conference or has posted over the annual Esri Map Book knows that geography and science touch our lives every day. It is incumbent upon us GIS professionals, and others who are inspired to clearly communicate the value and benefits of careers working with geospatial technologies. And this year’s Earth Science Week offers a great opportunity for the GIS community to come together and promote geospatial career pathways.

As we look at the current state of the world, imagine the future, and recognize that we and other must jump into the breach to tackle everything from local matters to global predicaments, we have always seen GIS and a geographic perspective as essential to helping steward local communities and the planet. This view is now included in the geoscience community—from people seeking to solve an array of sustainability issues to those helping ensure our planetary ecological footprint is softer than those confronting with interrelated ocean and atmosphere changes. The Esri Education Program, a 20-year proponent of the use of geospatial technology in science education, has been active in this. Another great step toward getting the geospatial industry to embrace and actively promote Earth Science Week and advance the geoscience career pathways.

Earth Science Week was launched by the American Geosciences Institute (AGI) in 1990 to help the public gain a better understanding and appreciation for the earth sciences and to encourage stewardship of the Earth. Over time, the annual event has set its chief focus on K-12 teachers and students, exciting to build interest in the disciplines—in classroom teaching, college lecture, and ultimately the geosciences.
Nation's schools finish stretch of celebrating geoscience, chemistry education

The United States has celebrations, large and small, short and long, that commemorate historical occurrences, cultural attributes, and even foods. Even science gets its turn in the spotlight.

Schools across the nation finished on Friday a two-week run in which the contributions of both the Earth sciences and chemistry were recognized in science classrooms.

This year’s Earth Science Week, which ran from Oct. 14-20, focused on careers in the geological sciences.

"With over 160,000 positions expected to open in the next decade, opportunities for building an exciting and meaningful career in the geosciences have never been better, even in this tough economy," Christopher M. Krane, head of the American Geosciences Institute’s Geoscience Workforce Program, said.

Geoffrey Compton, a spokesperson for AGI, said that Earth Science Week’s importance also includes the imperative of improving our understanding of how the planet works.

"The more we know about the environment, the better we can manage our most important responsibilities, from
2nd-Annual National Fossil Day Celebration

by Editor

Where: Stonerose Interpretive Center
1511 Keen St.
Republic, WA 99166
USA

Cost: Regular admission price.

Contact: Catherine Brown
(509) 775-2295

Categories: RECREATION
Tags: fossil hunting, fossil

Honoring the Pacific Northwest's geologic and biologic past, Stonerose will host its 2nd-Annual National Fossil Day Celebration from October 17-20. Events may include an open house, fossil identification courses, tours of the fossil collection, presentations, and stuffed digs. Event hours: More information TBA. Visit stonerosefossil.org for more information.
The Florida Geological Survey maintains an active Education and Outreach Program in keeping with its mission to collect, interpret, and provide objective, quality geologic information about Florida. Florida’s geology is unique, topics that may be explored from this portal provide an enriching introduction to our fascinating and fragile natural heritage. Visits available to teachers make the sometimes unusual and often wonderful world of Florida geology easily accessible to students. In addition, the FGS hosts an annual Open House in celebration of Earth Science Week that features tours of our facility and interactive earth science activities for students from ages K-12. Home schooling parents and their children are our special guests at this event. The FGS also sends geologists to speak to local schools on a staff-available basis.

**Educational Outreach Events:**

- **Earth Science Week, October 14-20th, 2012** - will be a national event sponsored by the American Geological Institute (AGI). The year’s theme is “Discovering Careers in Earth Science” - the Florida Geological Survey will host an open house on Wednesday, October 17th, 2012. **Sunday Night**, an event designed to assist local Geologic Societies obtain their geology badge, will be held at 8:00 PM that evening. Further details will be forthcoming soon.
Schlumberger Limited Awards Scholarships to the American Association of Petroleum Geologists’ Outstanding Student Chapters

04/20/2012 11:48am

Stephen F. Austin State University and University of Aberdeen Named Award Recipients

LITTLE BEACH, April 24, 2012—Schlumberger announced today its contribution of $3,000 in scholarships to the American Association of Petroleum Geologists (AAPG) Outstanding Student Chapter Awards. Two $1,000 scholarships were awarded to the 2012 chapter winners and four $500 scholarships were given to the honorable mention chapters.

Stephen F. Austin State University in Nacogdoches, Texas, was the award recipient among United States based chapters, and the University of Aberdeen in Scotland was honored as the outstanding international chapter. The honorable mention schools were the University of Idaho, Universidade Federal Fluminense, National "Veteran," the University of Nebraska-Lincoln, and Institut Teknologi Sepuluh Nopember.

Jose de Jesus Gutierrez, marketing and technology manager, Schlumberger Data & Consulting Services, presented the awards to the
Earth Science Week
By Gateway To Science

"Since October 1990, the American Geosciences Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year's Earth Science Week will be held from October 14-20 and will celebrate the theme "Discovering Careers in the Earth Sciences." Click here to learn more about Earth Science Week.

These are a teacher or parent, don't miss these activities appropriate for all ages to aid in the understanding of Earth Science.

If that wasn't enough, next Friday, October 19th is Geologic Map Day! This day focuses on the attention that Geologic Maps bring to our society. Learn more here.

Arlin, Educational Outreach Coordinator
International Earth Cache Day

Today was International Earth Cache Day. Despite feeling a bit under the weather, I organized a quick single-stop geocaching trip for my family. There was an easy Earth cache located in a neighborhood near us, so easy that we could see it as we drove up. Erratic Behavior in Edgemont (GC1M1H) is one of several Glacial Erratics that can be found in Calgary.

An erratic is a large rock that was deposited on top of a glacier as it moved past mountains. As the glacier melted or receded the rock was left behind, often miles from the mountain from which it originated. In Alberta we have a strip about 640 kilometers wide that runs from the Athabasca River Valley to the southern end of the province which contains thousands of erratics from the parkways to large boulders left behind by a retreating glacier. These rocks are thought to have originated from near recent Edith Cavell in Jasper National Park.
Geocaching.com
Geocaching.com on Twitter
https://twitter.com/GoGeocaching/status/257500533559013377
Earth Science Week
14–20 October 2012

THEME: “DISCOVERING CAREERS IN THE EARTH SCIENCES”

Earth Science Week 2012 will boost awareness about the geosciences and the many exciting career and job opportunities in the field. Learn more at the official AGI Earth Science Week Web site.

Objectives
- To engage students in discovering the Earth sciences.
- To remind people that Earth science is all around us.
- To encourage Earth stewardship through understanding.
- To motivate geoscientists to share their knowledge and enthusiasm about the Earth.

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.

GSF 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 geosciences in the service of society.
International EarthCache Day Helps Kick-Off Earth Science Week

Boulder, CO, USA — The sixth annual International EarthCache Day returns on Sunday, 14 October to help kick-off Earth Science Week 2013. The public is invited to join the Geological Society of America (GSA), Geocaching.com, and the American Geosciences Institute (AGI) in exploring this exciting and educational Earth science experience.

International EarthCache Day is a time when EarthCache enthusiasts around the globe organize small gatherings where people learn about the Earth. On this day, EarthCache participants are also encouraged to visit EarthCache sites and introduce the EarthCache program to those who are not yet familiar with it. An EarthCache is a place that people can discover with a GPS device while participating in a "treasure hunt" called geocaching, a global game popularized by Geocaching.com. "The treasure you find at an EarthCache is a lesson about the Earth itself," says EarthCache program director Gary Lewis at GSA, a longtime Earth Science Week partner.

EarthCache events are being held around the world on 14 October (in Germany, Canada, the United Kingdom, the United States, and elsewhere). For information about International EarthCache Day events, and for more details about EarthCache, visit www.geocaching.com, www.earthcache.com/earthcache, or contact earthcache@geocaching.com.

This year, International EarthCache Day follows on the heels of the highly successful First Annual International EarthCache Mega Event, which took place on 2 September 2012, in New Gloucester, Maine, USA. This event hosted over 700 participants from around the globe who came together to celebrate, learn more about, and advance the global EarthCache program. The Second Annual International EarthCache Mega Event is scheduled for 7 September 2013, in St. George, Utah, an area surrounded by wonderful redrock geology and a number of great EarthCache sites. For information about this event, see www.earthcache2013.org.

Earth Science Week is an annual event sponsored by AGI to expand public understanding and appreciation for the earth sciences and to encourage stewardship of the Earth. This year’s Earth Science Week will be 14–20 October. To learn more about Earth Science Week, visit www.earthweek.org.

The American Geosciences Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 250,000 geoscientists, geoscientists, 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, resilience to natural hazards, and interaction with the environment.

The Geological Society of America is a non-profit organization that provides access to elements that are essential to the professional growth of earth scientists at all levels of expertise and from all sectors: academic, government, Business, and industry. The Geological Society of America is a leading source of scientific information in the earth sciences. For more information about the Geosciences in society, visit www.geosociety.org.

Geocaching is a global treasure hunting game that relies on GPS devices and geocaches — physical caches hidden at specific locations — to create fun and rewarding adventure. Geocachers work together to solve clues and find caches around the world. Geocaching is available to players of all ages and abilities, and is a great way to explore your local area, or travel the world. Visit www.geocaching.com to find your next cache!
Earth Science Week 2012

Following the GSL's first successful Earth Science Week last year, the GSL will be running this again from 15–19 October. ESW 2012 aims to encourage people everywhere to explore the natural world and learn about the geosciences. This year's event will boost awareness about the geosciences and the many exciting career and job opportunities in the field.

There will be a number of activities taking place this week to not only highlight Earth sciences, but also promote existing events and activities that other organisations might be running, so everyone has the opportunity to get involved.

Working with a host of other organisations, we'll be running a daily blog, posting online lesson plans, highlighting careers in Earth science, organising a free schools' webinar lecture, providing online virtual learning kits, and the chance to compete in some great competitions, plus a heap of regional and school-specific activities.

If you'd like to get involved, please contact joanna.nweans@geolsoc.org.uk or for further information.
Earth Science Week day two: the art of geology

All week, we’re posting profiles which highlight some of the more unusual directions the Earth sciences can take you in. (For more career profiles, visit our website).

Today, artist Phil Entwistle explains how his love of science has inspired his work.

Phil says: “The pictures sent back by the Mars rover Curiosity prompt not only amazement at the technological achievement, but awe as we look out through the lens at a world that we can compare to our own familiar planet. A celestial object, a lump of rock, suddenly becomes a place, a landscape, with features so reminiscent of places we know on Earth.

“For me as a landscape painter, the word ‘landscape’ is a problem. For centuries, artists have painted views: picturesque valleys or sublime rocky peaks. The genre is so familiar that it’s almost invisible as we pass over it looking for something more interesting. So a major challenge is to recover the freshness and impact of seeing the Earth’s surface as if for the first time.

“I try to ignore what I know (or think I know) and see it not as a place, but as a physical object..."
Geological Society of London blog

Earth Science Week 2012 — working with NGOs

We’re returning to the Philippines for our fourth career blog, where scientists recognising the social impact of their work is more important than ever...

Dr Carlos Primo C David, Geologist at the University of the Philippines, National Institute of Geological Sciences (UP NIGS)
Earth Science Week 2012 – Palaeocast

There’s a huge range of career options for Earth scientists, from academia to communications. All week, in honour of Earth Science Week, we’ve been featuring geologists who have taken their careers in more unusual directions. In our final blog, we look at one of the ways scientists can take their research out of the lab, to get in touch with a whole new audience.

Dave Marshall, co-host, Palaeocast

Dave says “I have always loved learning – but choosing one subject to specialise in isn’t always easy! After studying For a BSc in geology and an MSc in Palaeobiology I started work as a micropalaeontologist for a biostratigraphic consultancy in the oil industry.

Although I had gained employment in one of the only commercial routes available for a palaeontologist, I felt intellectually restricted in my day to day tasks. Fortunately, we were allowed mp3 players while we worked, so I spent ...
Geological Society of London on Twitter
https://twitter.com/geolsoc
I failed to mention this on my neglected blog. Pretty psyched to have a peer-reviewed geologic map co-authored with B.C. Burchfiel. This was officially released on National Geologic Map Day.

http://www.nbgm.unr.edu/geo/m175.pdf
Earth Science Week 2012 Webcast
October 2, 2012 | Earth Science Week

You can view a webcast that explains Earth Science Week 2012. This year’s theme is “Discovering Careers in the Earth Sciences”.

Geoscience Australia

Earth Science Week 2012
(14-20 October)

Geosci Film Competition – Closed

The Geosci Film Competition 2012 is hosted by Geoscience Australia along with the Australian Science Teachers Association and invites all school aged groups, individuals or classes to submit an Earth science film based on the theme Geosci and you in one of three age divisions:

- Grades 7-10
- Years 11-12

Winners will be announced in a special ceremony at Geoscience Australia on Wednesday, 17 October 2012.

For more information and tips about the Geosci Film Competition, go to The Geosci Film competition 2012 or email education@ga.gov.au.

Top GeoShot Photographic Competition – Closing date 22 September

Geoscience Australia is looking for a collection of Top GeoShots to display throughout Earth Science Week. The image can be anything from an unusual land formation, a peak to our dynamic planet or even your favourite landscape. Be as creative as you like when choosing subject matter as Earth science is all around us and we interact with it everyday. So get out there, explore and take an image that captured the essence of earth science in Australia.

For more information, go to the Top GeoShot webpage. Email your entry to education@ga.gov.au by 22 September 2012 along with a completed entry form and you could see your image featured in Geoscience Australia’s public foyer in Canberra throughout Earth Science Week.

Winning entries will be announced and displayed at Geoscience Australia throughout Earth Science Week and winners will receive a professionally framed enlargement of their image.
News and Notes

Day, Murray-Moraleda, Savage, and Wald Newly Elected to SSA Board of Directors

Steven M. Day, Jessica R. Murray-Moraleda, William U. (Woody) Savage, and David Wald were elected to the board of directors of the Seismological Society of America during the annual election held 6 January 2012. Votes of current members that were received by the deadline—9 PM on that date—were tabulated and validated by Election America, Inc.; 448 ballots were received and tabulated, 78 fewer than in the 2011 election.

Murray-Moraleda is a newly elected board member, Day, Savage, and Wald were re-elected to second terms. The four will take office on 16 April 2012 during the next board meeting, which will be held at the SSA 2012 Annual Meeting in San Diego, California.

SSA board members are responsible for attending meetings of the Board and the Society, being informed about the affairs of the Society so as to act in its best interest, developing an awareness of the needs and views of the entire membership, bringing members’ concerns to the board’s attention, supporting and explaining the board’s actions to the membership, and encouraging colleagues to join the Society and support its activities.

Earth Science Week 2012 Theme: Discovering Careers in the Earth Sciences

The American Geosciences Institute (AGI) has announced that the theme of its Earth Science Week 2012 will be “Discovering Careers in the Earth Sciences.” Earth Science Week 2012 materials and activities will engage young people and others in learning how geoscientists gather and interpret data about the Earth and other planets.
International Earthcache Day

Posted by Peter on Friday, 12 October 2012 in Geocaching

This Sunday, October 14th, we all gonna celebrate the International Earthcache Day 2012. Join us and log an earthcache on sunday. Geocaches are a good and adventures way to learn more about our planet. If its about the glacier or the rare tree in your country.

It will be also very likely that you will earn a souvenir for this day like the International Geocaching Day. There is also an Event on Facebook which you can join.

Tagged in: Earthcache, Geocaching, International Earthcache Day

Rate this blog entry: ★★★★★ ★
Earth Science Week 2012 Focuses on the Importance of Geoscience Careers

October 4, 2012

Message to the Geospatial Industry: Promote the Week and the Geospatial Pathway

In 1998 the American Geosciences Institute (AGI) launched Earth Science Week (ESW) “to help the public gain a better understanding and appreciation for the earth sciences and to encourage stewardship of the Earth.” Over time, the annual event has set its chief focus on K-16 teachers and students, working to build interest in the geosciences—in classroom teaching, college majors, and ultimately the geosciences workforce.

ESW 2012 runs October 14-20 but in many ways this is the kick-off of a year’s worth of exploration. The ESW website points to an array of resources and activities educators, students, and the public can access. Over 16,000 educational kits have been sent to schools across the country. Each kit contains a range of timeless educational resources including a calendar of monthly lessons produced by ESW and partners. This year ESW, a sponsor of ESW since 2009, has produced an activity on geospatial careers for November, providing a tie to GIS Day, and a print resource pointing educators to the Geoscience Education Community including ready-made ArcGIS Online maps, apps, and galleries with an education focus like the STEM GIS gallery.
### Geological Map Day: Celebrate October 19th

#### GIS User News - GIS Education / Events

**375 Faces - GIS Education / Events**

**30th September 2012**

Alexandria, VA – Celebrate the first annual Geological Map Day! On October 19, as a part of the Earth Science Week 2012 initiative, join the American Geological Institute (AGI), the Association of American State Geologists (AAAGS), and the U.S. Geological Survey (USGS) in promoting the importance of geological mapping to society.

Geological maps are important for education, science, business, and a variety of other public policy concerns. Geological Map Day will focus the attention of students, teachers, and the general public on the study, interpretation, and significance of maps, by engaging audiences through educational exhibits, print materials, online programs, and public lectures.


Earth Science Week 2012 will be celebrated October 14-21. To learn more, please visit http://www.earthscienceweek.org. To order your Toolbox, please visit http://www.naturalhistorymusuem.org/emsbox/index.html. You may also call AGI Publishing to place your order at 715-579-2490.

### GIS User News - GIS Education / Events

#### 89 Articles from Spatial Data Authority

**375 Faces - GIS Education / Events**

**30th September 2012**

**Submit News to press@gisuser.com**

Mapping With WPF: A 101's Guide

- Getting Started with WPF
- Participate in the Annual Survey
- Geospatial 2.0: The Next Standard
- Get Started Programming with Python
- GIS Salary Survey
- GIS Work/Job Search
- State GIS Clearinghouse Directory
- GIS Social Media and Networking
- Spatialcognition Software Solutions
In concert with the National Environmental Resource Inc., the USGS and AGI are pleased to release a spatially-corrected infrastructure and a new "tool" to the field. For example, the "Analyzer" feature is equally compelling new software that uses the latest technology to visualize the National Geophysical Data published by the USGS, the state geodetic surveys, and many others. These maps, available from the NRIP in several popular and easy-to-use formats, can be viewed in detail and downloaded from various publishers.

"The new "Analyzer" software enables GIS professionals, government managers, and anyone else who needs access to large amounts of geospatial information to be effective, quick, and controlled, and accurately geolocated. It is the perfect tool for anyone who needs to identify, analyze, and visualize geospatial data. The "Analyzer" feature provides a powerful tool for data analysis, map creation, and visualization. It is available in several popular and easy-to-use formats, and can be used in conjunction with other GIS tools to create rich, interactive maps. With this software, the NRIP is further enhancing its ability to fulfill its mission to provide access to accurate, reliable, and up-to-date geospatial information to support decision-making, planning, and management. For more information, visit the National Geophysical Data Center website.
GovWin.com
http://govwin.com/node/677550

Dig This -- Geologic Map Day

Added 09/21/2012 12:00 AM by GovWin News

Excerpt: The U.S. Geological Survey is partnering with the American Geosciences Institute and the Association for American State Geologists to promote the importance of geologic mapping to society. Celebrate the inaugural Geologic Map Day on October 5, as a part of the Earth Science Week 2012 activities. Geologic maps are important for education, science, business, and public policy concerns. Geologic Map Day will focus the attention of students, teachers, and the general public on the study, use, and

Read the Entire Article
Grand Canyon National Park
http://www.nps.gov/grca/planyourvisit/earth-sci-week.htm
Grand Canyon National Park Flyer

Celebrate Earth Science Week
October 14–20

Geology Walks
Daily, 3–4 pm, Yavapai Geology Museum

Fossil Walks
Monday to Thursday, 10:30–11:30 am, Bright Angel Lodge Patio

Family Fossil Walk
Tuesday, 4:30–5:30 pm, Bright Angel Lodge Patio

National Fossil Day
Wednesday, http://nature.nps.gov/geology/nationalfossilday/

Bright Angel Trail Springs Guided Hike
Friday, 8–10:30 am, Bright Angel Trailhead

Eddie McKee: A Grand Life
Friday, 7–8 pm, Shrine of the Ages Auditorium

CSI Grand Canyon: How Geologists Help Solve Mysteries
Saturday, 11–11:30 am, Mather Point Amphitheater

www.nps.gov/grca/planyourvisit/earth-sci-week.htm
Earth Science Week Update - Vol. 10, No. 1: January 2011

IN THIS ISSUE...
* Earth Science Week 2012: "Discovering Careers"
* Independent Study Boosts Earth Science Week Success
* Earth Science Week Resources: Online Year-Round
* AEMR Offers Internship Videos, Expert Speakers
* Apply by February 1 for Congressional Fellowship
* Energy Lab Program Opens to Secondary Schools
* AOS Resources Advance Education and Outreach
* Contact Sport Students to Environmental Research
* EDI Offers Climate Change Toolkit for Middle School
* GSA Geoscience Reach Out to Educators

Earth Science Week 2012: "Discovering Careers"

It is pleased to announce that the theme of Earth Science Week 2012 will be "Discovering Careers in the Earth Sciences." This year's event will boost awareness about the geosciences and the many exciting career and job opportunities in the field.

Earth Science Week 2012 materials and activities will engage young people and others in learning how geoscientific research and interpret data about the Earth and other spheres. Through careers in geology, geophysics, lunar geology, technology, on Earth's climate, education, and many other fields, they enhance our understanding of Earth processes and improve the quality of human life.
Hands on the Land Blog
February 16, 2012
Hands on the Land Blog
March 23, 2012
Earth Science Week Update - Vol. 10, No. 4: April 2012

Don't wait until Fall to prepare for Earth Science Week 2012 (October 14-20) - now is the perfect time to get your activities. Take this opportunity to make a wish list. How would you like your students to celebrate Earth Science Week?

You can continue this year's theme, "Discovering Careers in the Earth Sciences" - by planning activities to help your students learn about geoscience careers and the natural processes that shape our planet. To start with, check out the exciting geoscience activities featured on the Earth Science Week site at http://www.earthsciweek.org/ScienceWeek/ScienceWeek site.

Leading up to the October deadline, you'll see more and more Earth Science Week events, both local and nationwide, listed online at http://www.earthsciweek.org/EarthScienceWeek/EarthScienceWeek site. The more you do, the more articles you'll find. Visit http://www.earthsciweek.org/EarthScienceWeek/EarthScienceWeek site for more recommendations on how to get involved.

Explore Geoscience Careers at the National Science Festival.

 cryptographic image of a lake, Lake geology event, Copyright: handsonteland.org
Earth Science Week Update - Vol. 10, No. 6: June 2012

All 5 participating states (and Puerto Rico) submitted their Earth Science Week 2012 plans. The photography, visual arts, and essay contests - all focused on the event theme of "Observing Careers in the Earth Sciences" - allow both students and the general public to participate in the celebration, learn about Earth sciences, and compete for prizes.

The photography contest, open to all ages, focuses on "Earth Science Is a Big Idea." Open to students in grades K-12, the visual art contest is titled "Imagine, Create, Earth Scientists!" Finally, students in grades K-6 are eligible to enter the essay contest, "Earth Scientists Working Together." Students of up to 200 words should describe how Earth Science has worked together to develop a phenomenon involving interactions of Earth systems.

Entries may be submitted any time up to the Friday of Earth Science Week, October 19, 2012. The first prize prize for each contest is 100 and copy of all 5 "Weather is Earth's Cover" DVDs package. To learn more about these contests, including how to enter, visit http://www.earthscienceweek.org/contests/

Field Notebook for Students
Featured in 2012 Toolkit
Hands on the Land Blog
September 25, 2012

Earth Science Week Update - Vol. 10, No. 9: September 2012

IN THIS ISSUE...
* Site New Webcast for Intro to Earth Science Week 2012
* Earth Science Week 2012 Coming Soon: Get Ready
* Science Readiness Rates Low But Rising, says ACT
* Make Science Work with an Earth Science Week Toolkit
* Under a Month Left to Enter Earth Science Week Contests
* NASA Highlights Three Geoscience Opportunities
* “No Child Left Inside” Day Comes to Your Area
* Visit DC’s National Mall for National Fossil Day Event
* Women in the Geosciences Day Coming in October
Hands on the Land Blog
Hawaii Environmental Education Alliance (HEEA)
http://heea.org/core/news/list.aspx
Welcome to the Science Lab

National Fossil Day Contest
Posted on August 27, 2012 by jessiehod

National Fossil Day Contest Sponsored by National Park Service
A major focus of Earth Science Week 2012 will be National Fossil Day (October 17), and one of the best ways for students nationwide to participate is by entering the National Park Service’s National Fossil Day Art and Photography Contest. Entries should address the theme “Careers in Paleontology.”

Artwork may include a photo, painting, drawing, or watercolor. Explore the wide variety of careers that one can pursue relating to the field of paleontology – on a dig, in the classroom, at a museum, though technology, or in other ways. Artwork must be flat and should focus on a paleontological job, what it accomplishes, and how it relates to fossils.

The contest is open to any U.S. resident. Entries must be postmarked by October 5, 2012. Learn more at http://www.nps.gov/geology/nationalfossilday/art_contest.htm. If you have questions, please email National_Fossil_Day@nps.gov.
Houston GeoCaching Society
Houston Geological Society
http://www.hgs.org/?q=education_EarthScienceWeek

Earth Science Week

Visit the Earth Science Outreach Committee for more information!

Save the Dates

Local Geoscience Activities for the Whole Family coming in October!

Saturday, October 6, 8:30am-2:15pm

HGS is hosting a Geoscience Day for middle-school aged Girl Scouts and Boys Scouts of America. There will be 4 workshops with hands-on demonstrations that will teach the scouts about oil and gas formation, as well as the methods used to find and extract these valuable resources.

Boys Scouts may register through http://www.doubleknot.com/!

Girl Scouts may register through http://www.gsswc.org/ed/, under the Program Activities and Events offerings for STEM.
National Fossil Day

Date(s): 10/17/2012
Time(s): 10:00 a.m. - 5:00 p.m.

Description: The Museum is partnering with the National Park Service for the 3rd National Fossil Day. Docents will be present in the "Changes: Dynamic Illinois Environments" exhibition to answer questions and allow visitors to see additional fossils up close. Children visiting the "Play Museum" will have the chance to examine fossils under the videomicroscope. Free and open to the public.

For more information: Museum website

Event Type: Family Event; Museum Event; Youth Event

DNR Region(s): 4

Location: Illinois State Museum

Address: 502 S. Spring Street

City, State ZIP: Springfield, IL 62706-5000

Directions: Google Map directions to Illinois State Museum

Contact person/email: Elizabeth Hazan / ebazan@museum.state.il.us

Phone/Fax: 217-782-5993

Other Phone:
Entry Details

**[DNR] Monroe Lake offering Earth Science Week programs, Oct. 11-20**

**Start Date:** 10/1/2012  **Start Time:** 12:00 AM
**End Date:** 10/21/2012  **End Time:** 11:59 PM

**Entry Description:**
Monroe Lake is recognizing National Earth Science Week with a special series of daily programs from Oct 14 to 20.

Programs will be offered at Parnettown and Fairfax state recreation areas and at Three libraries. The programs are:

- **Oct 14, 1-5 p.m., “Cupcake Core Sampling,” at Parnettown SRA Activity Center, 4550 S. R.R. 446, Bloomington**
- **Oct 15, 3:30-5:30 p.m., “The Mystery of Geodes,” at the Ellettsville Branch of Monroe County Public Library, 800 N. Temperance St, Ellettsville**
- **Oct 19, 10 p.m., “Rocks Tell a Story. The Geology of Monroe Lake,” at Parnettown SRA Activity Center, 4550 S. R.R. 446, Bloomington**
- **Oct 20, 3:30-5:30 p.m., “The Story of a Rock,” at Bedford Public Library, 1333 S St., Bedford**
- **Oct 21, 3:30-5:30 p.m., “It’s Not My Fault” at Four Winds Resort in Fairfax SRA, 6301 Fairfax Rd, Bloomington**
- **Oct 21, 7:30-9 p.m., “Stars Gaze with the Astronomy Club,” on the beach at Paynetown SRA, 4950 S. R.R. 446, Bloomington**

**Entity Type:** Press Release

**Entity Category:** Alerts and Notification

**IN.gov Category:** Agriculture & Environment

**Agency Name:** Natural Resources, Indiana Department of...
Institute for Global Environmental Strategies on Twitter
https://twitter.com/#!/IGESnews

@IGESnews FOLLOWING
Trusted leader in Earth & space science education, communication & outreach, and in fostering national & international cooperation in Earth observations.
Arlington, VA http://iges.org

Tweet to IGES
@IGESnews

Tweets

IGES @IGESnews
This year’s theme for @earthweek is “Discovering Careers in the Earth Sciences.” Learn more at bit.ly/1JeQod
Expand
Jackie Gerstein on Twitter
https://twitter.com/jackiegerstein/status/261952958391013376

Celebrate Earth Science Week with these 9 big ideas | Earth | EarthSky earthsky.org /earth/celebrat... via @earthskyscience
Earth Science Week 2012: Careers in the Field

Earth Science Week has been held every October since 1968 for the rock-lovers among us to celebrate together. Each time it has a different theme, and for 2012 the theme is "Discovering Careers in the Earth Sciences." Geoscience teaches everyone's brain, and wherever you look in it there's a geoscientist.

Careers in geoscience are a major focus for the American Geosciences Institute (AGI), the founder of Earth Science Week. I will point you to the AGI's Geoscience Careers page for data on recent salaries and job categories. But good salaries and job opportunities aren’t the things that attract young people to the geosciences, according to a recent AGI survey of students. For the great majority of students it was one of two things: they were geology students in college already knowing that geoscience is cool, or a gifted teacher of Geology 101 showed them that geoscience is cool.

Earth Science Week 2012: Careers in the Field

Blog > Earth Science Week 2012: Careers in the Field

Post on Oct 04, 2012 by Andrew Adair from QUEST Northern California

Topics: Blog, Geology

Share: Facebook, Twitter, LinkedIn, Print

Forest Service geologist Jessica Lopez Perez patrols a trail at Great Basin National Park in Nevada. Geoscientists are key in mapping continents to the oceans that geosciences need in order to make them navigable.

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Lake Clark National Park and Preserve
https://www.facebook.com/LakeClarkNPS?ref=stream

Lake Clark National Park & Preserve
In the midst of Earth Science Week is a day devoted entirely to fossils. In celebration of National Fossil Day, we’d like to share with you an article high school intern Emily Schmidt wrote about her experience visiting Fossil Point in Lake Clark this past summer.

"Located across Cook Inlet in Lake Clark National Park and Preserve is a stunning beach, covered with fossils..."

Follow the link and scroll towards the bottom of the newsletter to continue reading. ~rj

"Fossil Point" by Emily Schmidt
us2.campaign-archive1.com
Earth Science Week

The American Geological Institute (AGI) invites you to take part in Earth Science Week, encouraging people everywhere to explore the natural world and learn about the geosciences.

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

The 2012 Earth Science Week theme is “Discovering Careers in the Earth Sciences.”
Lite Geology
http://geoinfo.nmt.edu/publications/periodicals/LiteGeology/current.html

UPCOMING EVENTS FOR TEACHERS AND THE PUBLIC

National Earth Science Week
October 14–20, 2012

Help celebrate Earth Science Week 2012! The American Geological Institute, which sponsors this event each year, encourages people everywhere to explore the natural world and learn about the geosciences. “Discovering Careers in the Earth Sciences,” the theme of ESW 2012, encourages everyone to explore the many possibilities of working as an earth scientist or in a related field. You can request your Earth Science Week Planning Toolkit with cool resources and ideas about how to plan your own celebration online at:
http://www.earthscienceweek.org/
**International Earthcaching Day - 14 Oct 2012**

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<th>Author</th>
<th>Message</th>
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<tr>
<td>sykes</td>
<td>I was announced that Sunday, 14 Oct 2012 is International Earthcaching Day. You can view the full announcement here: <a href="http://www.facebook.com/events/4015060648319/">http://www.facebook.com/events/4015060648319/</a></td>
</tr>
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Submitted on Sun, May 29, 2012 12:59 pm
Location: Columbia, MD
Has Visited: 19 times
Has Found: 15 caches
Has Logged: 32 visits

Toby

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<tr>
<th>Author</th>
<th>Message</th>
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<tr>
<td>uwobler</td>
<td>Page 1 of 1 [ 9 posts ]</td>
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Submitted on Tue, Oct 24, 2012 3:05 pm

113
**Earth Science Week**

**Event Date:** 10/14/2012 12:00PM – 10/20/2012 6:00PM

**Earth Science Week**

**Dates:** October 14-20

Cost: Activities are included in the cost of admission to the museum. Reduced for members.

McWane Science Center will join the American Geological Institute, as well as schools and science centers across the country in celebrating this year's theme, "Discovering Earth in the Earth Sciences." During the week we will offer hands-on activities and programs that will engage young people in learning how geoscientists gather and interpret data about the Earth and other planets.

**2012 Earth Science Week Schedule of Events**

**Mineral Month**
Make your very own unique toothpaste you can actually use!
ProtoZone, Level 1
10:30 Monday - Friday

**Volcanology and Earthquakes**
Make a plastic bag model of a live volcano!
ProtoZone, Level 1
11:30 Monday - Friday

**Make a Cool Window / Wheel**
Take a cool window home to tell the forecast of weather!
ProtoZone, Level 1
1:00 Monday - Friday

**Volcanology and Earthquakes**
ProtoZone, Level 1
Sunday (Oct 14th) & Saturday (Oct 20th), 1:00
Michigan State University
Special week draws attention to geology

Middle East North Africa Financial Network (MENFA)

Oct 15, 2012 (MENAFN - St. Joseph News-Press - McClatchy-Tribune Information Services via COMTEX) --Gov. Jay Nixon sent out a news release drawing attention to the fact that this is Earth Science Week. Given the shortage of geologists, it appears that earth sciences need the attention they can get.

"Discovering Careers in the Earth Sciences" is the theme of this year's Earth Science Week, according to the news release. And there are plenty of careers to be had for students of geology. Northwest Missouri State University's geology program places up to 95 percent of its geology graduates within six months of commencement.

Dr. Aaron Johnson, associate professor of geology, has helped the department grow from 12 students to 70 in the last few years. It should be a fairly easy sell because the starting salaries are decent, and the prospect of employment is excellent. But it takes a specific type of student, he said.

Dr. Johnson finished his undergraduate work in 1997. The job market at that time was "very tight." He said the very best students in the class had options, but the remainder would sometimes scour the market for a year before finding a position.

"Now we can't turn them fast enough," he said.

Shortage approaching

Dr. Johnson said the industry is facing what the American Geoscience Institute calls a "looming geoscience shortage." The retired workers from the industry have told him that what the industry is seeing now is similar to what happened in the 1950s and 1960s.
Middle School Portal

Earth Science Week (Oct. 14-20) - Connect with NASA Earth Explorers
Posted by Kim Lightle on September 26, 2012 at 2:06pm
A View Blog

During October 14-20, 2012, NASA will introduce students of all ages to an incredible group of NASA Earth Explorers — from scientists and engineers, to multimedia producers, educators and writers. Under the theme “Discovering Careers in the Earth Sciences,” this year’s Earth Science Week will focus on the stories of the many Earth Explorers who contribute to our understanding of the planet.

We invite you and your students to join us on this adventure. Find out about Earth Explorers — their careers, why and how they study the planet, and what their typical day is like. Blog posts, Google+ hangouts, and Twitter chats are just some of the media activities that will allow explorers to tell their stories. Your class can directly participate by asking questions during the live events or sending in questions beforehand.

Our current schedule includes:
Tuesday, October 16 – Twitter Chat with polar scientist Thoren Markhus
Wednesday, October 17 – Google+ Hangout with Operation IceBridge scientist Christy Hansen, an location near Antarctica
Thursday, October 18 – Twitter Chat with atmospheric research scientist Eric Alson
Thursday, October 18 – Reddit Interview with Jet Propulsion Laboratory scientist

In addition to our wide array of English-language events and resources, there will also be content in Spanish on our website and events for Spanish speakers including a Univision radio interview on Tuesday, October 16 with scientists Elina Podest and Miguel Rosales, and a webinar with engineers from NASA's Aquarius mission on Wednesday, October 17 for high school and college students.

NASA Earth Science Week activities and resources on careers are great for:
Can you dig it?
Chamber hosting second fossil find event
Saturday

National Earth Science week is Oct. 14-20, and the Mineral Wells Area Chamber of Commerce is excited to announce the Second Annual Crazy Fossil Dig Event in celebration of the national event.

The Crazy Dig is 11 a.m. to 2 p.m. on Saturday at the Mineral Wells Fossil Park, located at 2375 Indian Creek Road, about 6 miles west of Mineral Wells off U.S. Highway 180 West.

With free admission, this is hardly an opportunity to pass up. Especially since at this fossil park it is always finders, keepers.

During the Crazy Dig there will be tons of fun for visitors. The first 25 attendees will receive a Mineral Wells Fossil Park apron, designed especially for their next paleontological adventure.

Read the full story in the Index’s eEdition. Log in, subscribe or sign up for a one-week free trial here.
Did You Know It’s Earth Science Week?

Susanne Iberle | October 17, 2012

The American Geoscience Institute organizes every year an “Earth Science Week” to draw the public’s attention to Earth Sciences. This year’s theme is “Discovering Careers in the Earth Sciences”. There are national and international events such as museum tours and photography, visual arts and essay contests.

Take part in Earth Science Week 2012! Held October 14–20, ESW 2012 encourages people everywhere to explore the natural world and learn about the geosciences.

“Discovering Careers in the Earth Sciences,” the theme of ESW 2012, engages young people and the public in learning how geoscientists gather and interpret data about the Earth and other planets.
Missouri Department of Natural Resources
www.dnr.mo.gov/geology/geologicmapday.htm

To be held during Earth Science Week, October 14-20, 2012
What is a Geologic Map? How do you read a geologic map? How do you use a geologic map?

Learn about careers in geology – watch this short, informative video!

Geologic Map Day 2012 is a special event designed to promote awareness of the study, uses, importance of geologic mapping for education, science, business, and a variety of public policy concerns. Geologic maps are important for education, science, business, and a variety of other public policy concerns. Geologic Map Day will focus the attention of students, teachers, and the general public on the study, uses, and significance of these tools, by engaging audiences through educational activities, print materials, online resources, and public outreach opportunities.

Geologic maps maps, produced by the department's Division of Geology and Land Survey, depict rock type, distribution, properties and its relative age. They provide information about the Earth's structure and provide a baseline for data related to energy resources, mineral resources, natural hazards, water resources, soil conservation and climate science. Virtually all mineral, energy, water, industrial construction, public works and urban development projects can benefit from a geologic map. Read more.

Visit our Ed Clark Museum of Missouri Geology on Geologic Map Day to learn more about geologic maps. Open weekdays from 8 a.m. to 5 p.m., we are located at 111 Fairgrounds Road, Rolla.

Bedrock geologic maps provide information about the existing layering of bedrock and faulting, folding or deformation. They include information about the distribution of rock such as limestone, sandstone, coal and granite. Surficial material maps describe deposits that occur above bedrock. This includes soil, but also details up to several hundred feet of deeper unconsolidated material.

Download these Missouri geologic maps to learn more about the diverse geology in the state.
Earth Science Week: Hurricanes and Motivation

In continuing our celebration of Earth science week, we would like to introduce you to Michelle Gierach, a project scientist for the Physical Oceanography Distributed Data Archive Center (PODAAC) and ocean scientist at NASA Jet Propulsion Laboratory (JPL). We hope you enjoy her interview and maybe find your own passion along the way! To read more stories and learn more about Earth science week at NASA, visit http://women.nasa.gov/earthweek/.

Where do you work and do you remember what it was like on your first day of work?

I work at NASA's Jet Propulsion Laboratory (JPL). I was a slave of emotions on my first day, being thrilled and anxious at the same time. I was honored to have been given a position at JPL since they and NASA are known worldwide for their scientific endeavors; however, at the same time I was worried that my scientific interests and research would not stack up to their level of excellence. This latter sentiment has since faded and has been replaced by a sense to succeed as a representative of NASA and JPL.
Earth Science Week 2012 at NASA
October 12th, 2012 by Mishou Scan

October 1-5 is Earth Science Week. This annual celebration started in 1998, established by the American Geosciences Institute to help children, students, and the general public understand how geoscientists collect information about our planet.

In 2012, the theme is “Discovering Careers in the Earth Sciences” and involves activities by NASA, the U.S. Geological Survey, the National Park Service, and multiple professional associations. Online resources for Earth Science Week include tools for teachers, students, and the media. Highlights of Earth Science Week 2012 include National Fossil Day on October 17, Female Geoscientist Day on October 18, and Geologic Map Day on October 19.

From the Global Climate Change Earth Science Week Blog: Explorer Christy Hansen bags the Russell glacier, part of the Greenland Ice Sheet. Image courtesy Christy Hansen, JPL.
NASA Education
http://www.nasa.gov/audience/forstudents/current-opps-index.html
There were many exciting social media events that took place during Earth Science Week 2012. Even if you missed them, you can discover the conversations that took place with biosamples and videos. Visit each event’s individual page for more information.

**October 16, 2012, 1pm ET/12noon CT/11am MT/10am PT**

**Twitter Chat with Thornton Markus**
Thornton Markus, head of NASA Goddard’s Cryospheric Science Lab, will discuss his career as a polar scientist and his research on sea ice. He will answer your questions about working for NASA at the Arctic and Antarctic.

**More info >**

**October 17, 2012, 1pm ET/12noon CT/11am MT/10am PT**

**Google+ Hangout with Christy Bersch**
Hangout with NASA Goddard’s Christy Bersch, live from the October-November 2012 Antarctic Campaign. Bersch is a project manager for Operation IceBridge—NASA’s multi-year airborne campaign studying Earth’s polar ice sheet by combining processes that connect the polar regions with the global climate system.

**More info >**

**October 17, 2012, 8pm ET/5pm CT/4pm MT/3pm PT**

**Reddit Interview with Josh Willis**
Upper high school and undergraduate level students can chat with Josh Willis, a JPL scientist who studies the world’s oceans, in a Reddit forum as he answers questions about his background, working at JPL/NSF/NOAA’s laboratory, and how students can become an Earth scientist.

**More info >**

**October 18, 2012, 11am ET/10am CT/9am MT/8am PT**

**Facebook Live with Erica Albiniak**
Erica Albiniak is a social media strategist at NASA’s Langley Research Center and a site modeler for NASA’s web presence. She studies the world’s oceans in a Reddit forum as she answers questions about her background, working at NASA’s laboratory, and how students can become an Earth scientist.

**More info >**
Marc Imhoff did not expect to find himself in a tiger preserve setting up instruments when he first started working for NASA. From an early age, Imhoff knew he would pursue a career in science. He often watched television shows about new scientific discoveries and their effects on people's lives. Science was important and scientists were respected for their contributions to society. Imhoff wanted to be part of that.

"I really wanted to do something that benefited humanity," Imhoff says. Part of his inspiration came from his father, who had been in China during World War II. His father told him stories about the starvation he saw there. Originally, Imhoff was interested in biology and agriculture, planning to work on the world hunger problem. In college, he studied Physical Geography then went on to receive a Masters degree in Agronomy and a Ph.D. in Biological Sciences. During this time, he started working on global crop monitoring from space and ended up working at NASA.
Students invited to Connect with NASA Earth Explorers Week of Oct. 14

NASA Earth explorers will take students on virtual trips to Antarctica, the Peruvian Amazon, the mangrove forests of Africa and many other places around the world to inspire them to pursue science, technology, engineering and math (STEM) careers. Under the theme "Discovering Careers in the Earth Sciences," this year’s Earth Science Week will focus on the story of the Earth explorers who contributed to our understanding of the planet. Earth Science Week runs from Oct. 14 through Oct. 20, 2012.
NASA on Twitter
https://twitter.com/NASA/status/257505294920327169
Earth Science Week 2012: Discovering Careers in the Earth Sciences (Oct. 14-20)

Posted on June 27, 2012 by smdeponews


This entry was posted in 2012, July, Programs & Events, Upcoming Events. Bookmark the permalink.

Leave a Reply

Your email address will not be published. Required fields are marked *

Name *

Email *
Earth Science Week 2012: Discovering Careers in the Earth Sciences (Oct. 14-20)

Under the theme Discovering Careers in the Earth Sciences, this year's Earth Science Week will focus on the story of the many Earth Explorers who contribute to our understanding of the planet. A leader in Earth science research and applications, NASA will once more play a key role in this annual celebration, which has been organized by the American Geosciences Institute (AGI) since 1998.

During this week, NASA will introduce students of all ages to an incredible group of NASA Earth Explorers— from scientists and engineers, to multimedia producers, educators, and writers. Students can find out about their careers, see video interviews, and read blog posts, as well as explore other events and activities designed to inform about the breadth scope of Earth science careers. Students are invited to participate in a number of live events, including Twitter chats. Highlighted events include:

- **Oct. 16, 10:00 p.m. ET – Twitter Chat with Thorsten Markus:** Students are invited to participate in a Twitter interview with Thorsten Markus, a polar scientist with NASA's Goddard Space Flight Center.
- **Oct. 16, 1:00 p.m. ET – Univision Radio – Doctors Isabel Show (en Español):** Erika Foorost, NASA JPL, and Miguel Román, NASA GSFC, will participate in an interview with Doctors Isabel, a psychologist who covers a variety of family-related topics on her three-hour radio show.
- **Oct. 17, 1:00 p.m. ET – Google+ Hangout Live from Operation Icebridge:** Hangout with NASA Goddard's Christy Hansen, live from the Oct.-Nov. 2012 Antarctic Campaign.
- **Oct. 17, 4:00 p.m. ET – Webinar with Aquarius engineers (en Español):** Join Goddard Space Flight Center engineers as they discuss their work on the Aquarius-SAC-D satellite.
- **Oct. 18, 1:00 p.m. ET – Twitter Chat with Erica Alston:** Students are invited to participate in a Twitter interview with Erica Alston, a scientist with NASA Langley Research Center studying air...
Earth Science Week

October 14-20, 2012

Take part in an amazing week celebrating the natural world and geosciences. The theme of ESW 2012, "Discovering Careers in the Earth Sciences," aims to engage young learners and the public in investigating how geoscientists gather and interpret data about the Earth and other planets.

What do geoscientists do?

* Discover energy resources
* Ensure our water supply is plentiful and clean
* Improve agriculture
* Predict, prepare and help mitigate the effects of natural disasters
* Study climate patterns and changes
* Improve the quality of our lives
* And much, much more!
National Fossil Day on Twitter
https://twitter.com/earthsciweek/status/2079191687311362

Earth Science Week
@earthsciweek

The new Earth Science Week 2012 Toolkits are now available for order! Please visit earthsciweek.org/materials/inde... to order yours today!

Reply Delete Favorite

1 RETWEET

3:39 PM - 30 May 12 via web - Embed this Tweet

Reply to @earthsciweek
National Fossil Day on Twitter
https://twitter.com/natlfossilday

Earth Science Week @earthsciweek 14 Jun
It’s #contest time! Submit entries to the ESW #Photography, Visual #Arts, and #Essay Contests. Rules and guidelines at earthsciweek.org/contests/index... .

Retweeted by National Fossil Day
Expand
Celebrate Earth Science Week at the Grand Canyon

The Grand Canyon National Park is celebrating Earth Science Week and National Fossil Day with a variety of special programs from October 14th – 20th, 2012.

The park will have rangers on hand to do demonstrations and learning experiences and will include:

- Fossil & Fossils (69)
- Grand Canyon National Park (23)
- Grand Canyon Rides (79)
- Grand Canyon Trails To Do (19)
- Grand Canyon Tours (14)
- Grand Canyon Attractions (20)

http://explorethecanyon.com/celebrate-earth-science-week-at-the-grand-canyon/
National Ground Water Association on Twitter
https://twitter.com/ngwatweets

Mentions

ngwa @ngwatweets 23h
Celebrate the first-annual #Geologic Map Day on Oct.19 as a part of the Earth Science Week 2012 @earthsciweek earthsciweek.org

11:52 AM - 18 Sep 12 · Details

Reply to @ngwatweets
National Park Service (NPS)
http://nature.nps.gov/geology/nationalfossilday/
Future Dates of National Fossil Day

National Fossil Day is scheduled to fall on the Wednesday of Earth Science Week. Mark your calendars for future National Fossil Day and Earth Science Week dates:

- 2011 Earth Science Week — October 9-15
- 2011 National Fossil Day — October 12
- 2012 Earth Science Week — October 14-20
- 2012 National Fossil Day — October 17
- 2013 Earth Science Week — October 10-19
- 2013 National Fossil Day — October 16

As these dates get closer, please visit the National Fossil Day website for more details.

Last updated: August 9, 2010
Geologic Resources Inventory Geologic Maps

Celebrating Geologic Map Day, October 19, 2012

What's beneath your feet? Ask a geologic map! Geologic maps are crucial to understanding an area's geologic framework and the evolution of its present landscape. The colors and symbols on a geologic map portray the distribution and relationships of rocks, unconsolidated deposits, and other geologic features (folds, faults, mines, hazards, etc.). Find out more about geologic maps and how they are used at the American Geosciences Institute geologic maps page.

Geologic maps are the cornerstone of the National Park Service Geologic Resources Inventory (GRI) program. GRI is in the process of developing digital geologic maps for more than 270 NPS areas as part of the Inventory and Monitoring Program. GRI uses source maps produced by geologic mapping partners such as the U.S. Geological Survey, state geological surveys, universities, and other institutions.

The GRI program produces resource management reports based on the geologic maps.

GRI geologic maps are available in three formats:

- Digital Geographic Information System (GIS) format for use with GIS software
- KMZ/KML format for use with Google Earth™
- PDF format for printing a hard copy

A portion of the geologic map of Big Bend NPS/Texas, produced by the U.S. Geological Survey in cooperation with the National Park Service. (Download here)
NSTA’s Freebies for Science Teachers

Earth Science Week (ESW) 2012 materials. The American Geosciences Institute (AGI) will hold ESW October 14–20 to promote awareness of the importance of Earth science in education and society. “Discovering Careers in the Earth Sciences,” the theme of ESW 2012, engages young people in learning how geoscientists gather and interpret data about the Earth and other planets. Classroom activity ideas and resources in conjunction with the theme are available free at www.earthforweb.org. In addition, educational materials, activities, and other resources for Spanish-speaking students and teachers, as well as English speakers, can be found at www.earthforweb.org/seed.

Physiology Understanding (PhUn) Week resources. PhUn Week is the American Physiological Society’s (APS) annual November outreach event that fosters relationships among teachers, students, and physiologists by encouraging member physiologists nationwide to collaborate with teachers in their local community and volunteer to visit their classrooms (see www.phunweek.org). Start planning for PhUn Week (November 1–7) by visiting the PhUn for Teachers website at http://bit.ly/QwJfIk. Resources and classroom activities were developed by teacher fellows in the national APS Frontiers in Physiology Fellowship Professional Development Program for middle and high school science teachers.

Dinosaurs Explained. A new video series produced by the American Museum of Natural History answers the most frequently asked questions about dinosaurs. What was dinosaur skin like? How do dinosaurs get their names? Did dinosaurs travel in herds or packs? The series is appropriate for middle and high school students and dinosaur fans of all ages and can be viewed at http://bit.ly/P5WqR. 

The Curriculum Cooperative. This not-for-profit community of K–12 teachers is dedicated to teaching higher-order thinking and storing, sharing, and selling these lessons to colleagues. Lessons at www.curriculumanagement.org are cataloged according to concept and other parameters (e.g., topic, skill, context, student performance levels) so that lessons apply transferable “big ideas” to specific topics and contexts. First-time visitors receive 10 hours of free download time, after which they are encouraged to join the community.

Physics Education Research Audio Podcasts. Developed by the Physics Education Research Group at the University of Colorado and other groups, these audio podcasts (http://perwebguide.org/podcasts) get physics education research out of the journals and into K-college classrooms. Each episode investigates a piece of research literature and shows how it can relate to the classroom. Titles include Visual, Verbal, or Auditory? The Truth Behind the Myth Behind the Truth of Learning Styles; The Art (and Science) of In-Class Questioning via Clickers; and Seeing Isn’t Believing: Do Classroom Demonstrations Help Students Learn?

Purdue zipTrips: 2012–13. These interactive, electronic field trips connect middle school students nationwide with real-life scientist role models through web streaming and videoconferencing. zipTrips include a website, online scientist profile videos, lesson plans, and a live interactive webcast. The latest trips in the series are The Science of Nutrition, debuting November 15 at 10 a.m. Eastern Time (ET), and It’s a Gene Thing, debuting on February 21, 2013, at 10 a.m. ET. To register, visit www.agriculture.purdue.edu/ziptrips.

Keeping Classrooms Clean. TeacherLists.com, a free service from Energizer Personal Care, LLC, can help America’s classrooms stay fully stocked with cleaning supplies during the school year. At www.TeacherLists.com, teachers can register and upload supply lists as well as “wish lists” with items like tissues, paper towels, and other cleaning supplies that help keep a classroom clean, organized, and germ-free. Participating teachers and schools can earn free bonus supplies from TeacherLists.com’s growing sponsor list.

PBS Teachers STEM Resources. K–12 educators can access a host of digital science, technology, engineering, and math (STEM) classroom resources at www.pbs.org/teachers/stem. Each page...
NSTA’s Science and Children Journal on Facebook
Annual Earth Science Week field trip
hosted by the Nevada Bureau of Mines and Geology

"Tuff All Over"
Exploring Faulted Volcanic Terrain in the Painted Hills,
Virginia Mountains, West of Pyramid Lake
2012 Earth Science Week Field Trip
October 20 or 21, 2012

National Earth Science Week (ESW) 2012 encourages people everywhere to explore the natural world and learn about the geosciences. The Nevada Bureau of Mines & Geology (NBMG) welcomes you to participate in its nineteenth annual Earth Science Week field trip. In keeping with the National ESW theme, "Discovering Careers in the Earth Sciences," this year’s trip will focus on the Cenozoic geology of the Virginia Mountains, north of the Pyramid Highway and west of Pyramid Lake. You’ll see how geologists use geologic maps to unravel the history of the area, assess earthquake hazards from evidence of recent faulting, and evaluate the potential for mineral resources. You’ll be able to collect a variety of volcanic rocks, including several tuffs, and some diatomite, which has occasional leaf fossils.
New Mexico Museum of Natural History

Special Event -- Earth Science Week and National Fossil Day

Sunday, October 14, 9:00 AM to Saturday, October 20, 5:00 PM
Event held in the Museum Atrium.

Bioscience Collections Tour and NEW Dinosaur Centuary specimen - October 20. Celebrate Earth Science Week 2012!
Held October 14-20, ESW encourages people everywhere to explore the natural world and learn about the geosciences.
“Discovering Careers in the Earth Sciences,” the theme of ESW 2012, engages young people and the public in learning how geoscientists gather and interpret data about Earth and the other planets.

National Fossil Day, October 17, 2012, is held in conjunction with Earth Science Week. NF Day is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values. This year’s art and photography contest is “Careers in Paleontology.”
New Mexico Tech

BOCOPRO, N.M. October 9, 2012 - The American Geological Institute (AGI) has sponsored Earth Science Week each year since 1966. This international event is designed to help the public, teachers, and students gain a better understanding and appreciation for the earth sciences, and to encourage proper stewardship of our planet. Celebrated October 14 to 20, the theme for this year is "Discovering Careers in the Earth Sciences."

The New Mexico Bureau of Geology and Mineral Resources at New Mexico Tech sponsors this event each year. Booklets containing a vast variety of materials are available to teachers.

Two-minute radio broadcasts on geologic subjects of interest to New Mexicans will air at 7 p.m. each day October 9 to 12 on KUNM. This year, the five scientists evoke radio scripts that focus on why they chose geological fields for their careers. The radio spots feature Bruce Harrison, Geoff Bawling, Susan Wechter, Lauren Wells and Lewis Land. Broadcasts for this year and previous years are posted on the bureau's website at http://nmt.edu/nmt-news/nmt-newsitem.php?eventid=26796.

The bureau will also participate in Bosque Conservation Day on October 17, which will include a hike for students along the Rio Grande near Bocorp. For more information on the Bosque event contact Andrea Brophy, Friends of the Bosque del Apache National Wildlife Refuge at andrea@boapo.org. For details regarding the national activities, visit AGI's website at http://www.earthscienceweek.org/index.html.

During Earth Science Week this year the bureau will release the 20th anniversary issue of Earth Geology, first published in 1993, the periodical emphasized as an informative and entertaining publication focused on earth science topics and current issues in New Mexico, one that would appeal to a broad audience and serve as an outreach tool for educators and the public. Over the years the original quarterly print publication evolved into a semi-annual online publication. Today Earth Geology is available as a free download from the New Mexico Bureau of Geology website, along with the entire collection of back issues. Each issue now includes short articles, classroom activities, puzzles, and links to online resources. Each issue has a theme, and the topic for the current issue is The Evolution of the Rio Grande. Other recent issues address the Rio Grande Rift, Ancient Tree Rings, Magnetism, Geothermal Energy, Environmental Geology and Understanding Climate. Check out all these issues at http://ageogeo/nmt.edu/nmt-news/nmt-newsitem.php?eventid=26796.
NRC Earth Scientists Celebrate Earth Science Week – Oct. 14-20

Since October 1998, the American Geosciences Institute has organized Earth Science Week, a national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year’s Earth Science Week will celebrate the theme “Discovering Our Earth: 4.5 Billion Years of...”

Read the complete post at public-blogs.gov, article-id: nrc-earth-scientists-celebrate-earth-science-week-oct-14-20, category: nuclear, general.
Ohio Celebrates Earth Science Week
October 14-20, 2012

The theme for Earth Science Week 2012 is Discovering Careers in the Earth Sciences. The earth sciences are important to all Ohioans. How will you celebrate Earth Science Week? Explore the links below for events, activities, educational materials, and more.

Ohio Activities for Educators, Students, & the Public
Check back often for updates on Earth Science Week events featuring the Ohio Geological Survey.

- EarthCaching in Ohio, sponsored by the ODNR Division of Natural Areas and Preserves
- Explore the Outdoors, sponsored by ODNR

Educational Resources

National Fossil Day
Sponsored by the National Park Service
Wednesday, October 17
Ohio Statehouse
http://www.ohiostatehouse.org/events/calendar/Event.aspx?eventId=115699

Earth Science Week Fossil Tour
Calendar of Events

Date:
October 12, 2012

Time:
12:00 PM - 1:00 PM

Where:
Map Room
The Ohio Statehouse
1 Capitol Square
Columbus, OH 43215

What:
Earth Science Week Fossil Tour
The Pulse of Earth Science!

October 12, 2012, Noon
Ohio Statehouse, Broad & High Streets downtown Columbus
Map Room, ground floor of Statehouse
www.ohiostatehouse.org
514/653-3777

Join us for Earth Science Week and a Statehouse Fossil Tour—a geology tour of the Statehouse with special guests Dale M. Geikie, Curator of the OSU Ohio Geological Museum, and E. Max Swindel, Assistant Geologist at OGS/ Division of Geological Survey. These experts will discuss the “Building Stones of Capitol Square.” For more information, visit www.earthsciweek.org. To receive a free spot, call 614/728-2497 or tickets@ohio.state.oh.us.
Grand Canyon National Park to Celebrate Earth Science Week, National Fossil Day

MIDNIGHT, OCTOBER 01 2012 10:41 | GRAND-CANYON

Visitors will have even more to experience and enjoy at Grand Canyon National Park during the week of Oct. 14 to 20, 2012 when rangers offer a unique celebration of Earth Science Week (ESW) and National Fossil Day.

Earth Science Week promotes understanding and appreciation of the Earth sciences and their relevance to our daily lives.

National Fossil Day, a part of Earth Science Week, fosters a greater appreciation of the scientific and educational value of fossils and promotes public stewardship of fossils sites.

Grand Canyon is an ideal place to celebrate ESW, as it is a natural classroom and laboratory for the earth sciences and is one of the world’s most famous geologic landscapes.

The park’s commemoration of Earth Science Week will include a variety of special programs, including:

A ranger led hike looks at Grand Canyon National Park’s geology.
Earth Science Week 2012 Photography Contest
Open to All Ages
http://www.astro1.org/2012/07/18/earth-science-week-2012-photography-contest/

The American Geosciences Institute is sponsoring a photography contest to celebrate Earth Science Week 2012. Photographs should support the topic “Earth Science is a Big Deal” and reflect the important work earth scientists do in their communities. Any resident of the United States or any AGI International Affiliate may enter. Entries must be submitted electronically. Only one entry will be accepted per person. Entries are due Oct 19, 2012.
Earth Science Week 2012

During October, OresomeResources will be involved in a number of activities to celebrate Earth Science Week 2012 (October 14 - 20).

The theme this year is "Discovering Careers in the Earth Sciences".

Details of events and activities to be held during Earth Science Week will be uploaded soon.
The Oxnard Gem & Mineral Society is an official National Fossil Day Partner.

The National Park Service and the American Geological Institute are partnering to host the third annual National Fossil Day™ on October 17, 2012 during Earth Science Week.

National Fossil Day™ is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.

National Fossil Day™ Song

Ventura County is home to a wide range of fossils. The most complete Pygmy Mammoth ever found, was discovered in 1994, on Santa Rosa Island.
EARTH SCIENCE WEEK
Discovering Careers in the Earth Sciences
October 15 – 19, 2012

Visit the NS lobby during Earth Science Week. Participate in the Earth Quiz for prizes! Purchase a ticket for our lottery drawing for a gem-inlaid “Map of the World.” Learn about career opportunities in the earth sciences. Check out some special mineral and fossil samples. See a movie!

SOLAR TELESCOPE  Monday, October 15 and Wednesday, October 17, 11:30AM – 12:30PM
Join us in the NS lobby to view the sun through Palomar College’s very own solar telescope. Look for sunspots and other interesting features.

GEYSER ERUPTION  Monday, October 15 and Wednesday, October 17, 12:30PM
Ever wonder what happens when you mix Diet Coke with Mentos? Come see the geyser erupt outside the NS building.

GUEST SPEAKER – SARA AUBERY, Marine Biologist  Monday, October 15, 1:00 – 2:00PM, NS-136
Former Palomar College oceanography student Sara Aubery, now a marine biology graduate student in the U.S. Virgin Islands, will give a live Webcast about her research on coral reefs. A live video question and answer session will follow.

GEMSTONES AND MINERALS  Tuesday, Oct 16, 9:30AM-1:00PM
Back by popular demand! The Gemological Institute of America will have a special display in the NS lobby. Talk to their representative about their educational programs and career opportunities.

PLANETARIUM SHOW  Tuesday, October 16, 1:00PM
If you haven't visited Palomar College's new, state-of-the-art planetarium, you are missing out! Please join us for an amazing experience. Seating is limited and available only on a first-come-first-serve basis.

GEOCACHING  Wednesday, October 17th, 1:00PM
Do you enjoy scavenger hunts? Join us in the NS building lobby for an exciting scavenger hunt using GPS (Global Positioning System) units. No prior experience is required! Participants will be able to borrow a GPS unit (bring a picture ID), and will be shown how to use the unit to find prizes that we have hidden across the campus. The event starts at 1 PM sharp, and is limited to 30 participants, so come early!

SUPERVOLCANO!  Thursday, Oct 18, 2:00-3:45PM

GUEST SPEAKER – ALEX TARDY, National Weather Service  Thursday, October 18, 7:00PM, MD-157
Alex Tardy of the National Weather Service will talk about the exciting life of a forecaster and other jobs in the fields of atmospheric sciences and hydrology. A question and answer session will follow. Head to the MD building to enjoy this informative talk.

ALL WEEK LONG
Challenge your knowledge of Earth… take the Earth Quiz! Available online or in the NS lobby. Those with 100% correct answers will be entered into a drawing for prizes, including tickets to the Reuben H Fleet’s IMAX theater, San Diego Natural History Museum, Palomar College Planetarium, and more!

Hosted by the Earth, Space & Aviation Sciences Department  http://www.palomar.edu/earthscience
Earth Science Week
@earthsciweek

Did You Know? Powell Expedition to Explore Grand Canyon Begins in Green River City, Wyoming, 1869

1 RETWEET

4:23 PM - 24 May 12 via web - Embed this Tweet
Pennsylvania Earth Science Teacher Association (PAESTA)
http://www.paesta.psu.edu/event/national-fossil-day

National Fossil Day

Date: Wednesday, October 17, 2012 (All day)
Related Links: National Fossil Day®
Category: General Events
This year's Earth Science Week focus will be the stories of Earth Explorers who contribute to our understanding of the planet. Blog posts, Google+ Hangouts and Twitter interviews are just some of the media activities planned. Visit the NASA Earth Science Week website for articles, blog posts, event information, and educational products in both English and Spanish.

International Earth Cache Day

Sunday, October 14th, is International Earth Cache Day.

What is an Earth Cache? Earth Caches are listed in Geocaching.com like other caches, but they are a bit different. They are administered by the Geological Society of America, and are specifically designed to get you out into the outdoors and learning about Earth Science.

Earthcache.org says, "An Earth Cache site is a special place that people can visit to learn about a unique geoscience feature or aspect of our Earth. Visitors to Earth Cache sites can see how our planet has been shaped by geological processes, how we manage the resources and how scientists gather evidence to learn about the Earth."

Now one major difference between an Earth Cache and a regular geocache, there is no container at an Earth Cache. The "treasure" is the knowledge you gain.

Some Earth Caches are single-stage, some are multi-stage—leading you through a series of waypoints and questions to show you the entire area.

So, how do you celebrate Earth Cache Day? Two ways, really. First and foremost, get out and log an Earth Cache that day. When you are looking at Geocaching.com for an Earth Cache, check for the symbol on the right. There are three within 40 miles of me, so I might try to make a stop at Colby Butte Earth Cache, Toastmasters Geologic Park Earth Cache, and White Gnome Fall...
National Fossil Day Promotes Public Awareness And Stewardship Of Fossils
October 14, 2012

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Celebrate Earth Science Week And Explore Your Natural World

October 14, 2012

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Earth Science Current Events

So many people love earth science worldwide, some pursue it as part of their career while others pursue it as a hobby or interest. But when one wants to know the best places to find earth science current events, a few websites will definitely help with this.

1. RedOrbit—RedOrbit’s main goal is to communicate breaking news in science, and earth science current events are regularly posted in their list. Beyond providing just a list of events, RedOrbit provides readers with specific activities and information. For instance, RedOrbit reported about Earth Science Week 2012 and blogged about it as well (click here and subscribe to blogs). If looking for earth science current events, start with RedOrbit.com.

2. EarthScienceWorld—Earth Science Week is a website dedicated to providing the earth science current events specifically pertaining to Earth Science Week each year. This is a great place to check out when looking for information during Earth Science Week as well as throughout the year. It is at its peak during Earth Science Week.

3. Geology.com—This website provides a news page specifically for earth science current events. The website also provides blogs dedicated to geology and geology news, so obviously earth science current events would be one of their top priorities. Geology.com provides articles, charts, video images, and other means to keep its viewers updated on earth science news.
Exploring the New National Geologic Map Database

Last Friday for National Geology Map Day, the USGS and AGI released a brand new version of the National Geologic Map Database. I spent hours on end looking through these 7 new versions, and the excitement hasn’t even begun to fade. This afternoon I hooked up with Dougatt Frank on our embedded behind the scenes and a couple of other geologists. Discussed the map with the USGS’s product chief Steve Hites.

The database is really great and even though the coverage is not yet complete, there is a lot there to explore, and a lot more is the place that should be released in the coming months. I encourage you to explore it for yourself. It may be the next best thing to getting out there in the field and seeing the geology in person.

This entry was posted on Friday, October 22nd, 2010 at 10:31 pm and is filed under Geology, Dougatt Frank, USGS. You can follow any responses to this entry through the RSS 2.0 feed. You can leave a response. Pings/trackbacks are currently not allowed.
I don’t have a clue who or what entity officially proclaimed October as International Dinosaur Month (and there doesn’t seem to be any official site online), but whoever it was, it’s a great idea! This means not only do we get to celebrate Earth Science Week (October 14-20), and National Fossil Day (October 17th) this month but we also get to celebrate everyone’s favorite prehistoric beasts! A quick Internet search brought up a couple teacher sites here, here and here each offering some interesting ideas on how to celebrate the great Mesozoic monsters this month. There’s also this International Dinosaur Month site on Pinterest, and

Crystal Palace dinosaurs: These outdated depictions of dinosaurs were created by artist Benjamin Waterhouse Hawkins with scientific input from Sir Richard Owen - the comparative anatomist who coined the term “dinosaur.” The sculptures, built in 1854, still grace the old grounds of the Crystal Palace in south London today (in Sydenham Park) and were some of the very first images of dinosaurs conceived by the masses.
Scientific American Blog
http://blogs.scientificamerican.com/doing-good-science/2012/10/15/kicking-off-donorschoose-science-bloggers-for-students-2012/

Doing Good Science

Kicking off DonorsChoose Science Bloggers for Students 2012.

By Jane E. Smolich | October 15, 2012

Since 2000, science bloggers have been working with DonorsChoose.org and our readers to help public school students and teachers get the resources they need to make learning come alive. Is there an origin story for the annual Science Bloggers for Students drive? As a matter of fact, there is:

With great power comes great responsibility

The challenge this year runs October 15 through November 5. We’re overlapping with Earth Science Week (October 14-20, 2012) and National Chemistry Week (October 21-27, 2012), a nice chance for earth science and chemistry fans to add a little philanthropy to their celebrations. There are a bunch of Scientific American bloggers mounting challenges this year (check out some of their challenge pages on our motherboard), as well as bloggers from other networks (which you can see represented on the challenge’s motherboard). And, since today is the official kick-off, there is plenty of time for other bloggers and their readers to enter the fray!

How it Works: Follow the links above to your chosen blogger’s challenge on the DonorsChoose website.

Pick a project from the slate the blogger has selected. Or more than one project, if you just can’t choose. (Or, if you really can’t choose, just go with the “Give to the most urgent project” option at the top of the page.)

Donate.
National Fossil Day Contest

by Deborah Lee Rose

Do you like art and photography and...dinosaur? Individuals and groups age 8 and up can submit artistic entries to the National Fossil Day Art and Photography Contest. The theme is "Connects in Paleontology."

Paleontology isn’t limited to dusty deserts—many paleontologists work in forests or caves, even underwater! Some paleontologists work with computers, using 3D modeling or CT scans to learn how ancient animals moved or hunted. How would you depict the work of paleontologists through painting, photos, sculpture or other media?

National Fossil Day is October 17, and contest entries must be postmarked by Friday, October 5. Winning entries will appear on the National Fossil Day website starting on or after October 16th, 2012.
Working the Earth

by Deborah Lee Rose

This year, Earth Science Week (October 14-20) celebrates "Discovering Careers in the Earth Sciences." Paul Renne, Director of the Berkeley Geochronology Center, has carved out his career analyzing the age of rocks all over the world.

Why does he encourage students to pursue careers in science?

"One of the great things about science is that almost anyone can do it at some level. You don’t have to be all-star athletes or movie-star glamorous. All you need is a love of learning how the world works," emphasizes Renne, who is also Professor in Residence of Earth and Planetary Sciences at UC Berkeley.

"You can discover all kinds of cool things about how the world works, and many of the important things waiting to be discovered will benefit society in direct ways. For example, if we can figure out why certain organisms have gone extinct in the past, it will help us try to avoid creating those conditions in the future."

How did he find his career?
SMILE on Facebook
https://www.facebook.com/howtosmile
Earth Science Week Materials

Earth Science Week is a public outreach campaign of the American Geological Institute (AGI), reaching millions of people every year with resources, activities, and information about the importance of the geosciences to society. Celebrate Earth Science Week each October! As a member of AGI, SSSA is pleased to participate in the annual AGI Earth Science Week by providing materials for the Kit and a lesson plan in the calendar. Below are links to the Earth Science Week site and materials that SSSA has provided:

www.earthscienceweek.org
Stonerose Interpretive Center
http://www.stonerosefossil.org/index.html

Welcome to Stonerose!

Celebrate with
Stonerose
National Fossil Day
October 17-21
with special events and scientific presentations.

For more information
Call (509) 775-2295
E-mail: srac@nabkvt.com
Visit www.stonerosefossil.org

Regular Admission to Fossil Site all other events and activities free.

Come visit Stonerose's 40 million year old fossil beds...
Earth Science Week 2012 theme announced: ‘Discovering Careers in the Earth Sciences’

American Geological Institute

Alexandria, VA — The American Geosciences Institute (AGI) is pleased to announce that the theme of Earth Science Week 2012 will be “Discovering Careers in the Earth Sciences.” This year’s event will boost awareness about the geosciences and the many exciting career and job opportunities in the field.

Earth Science Week 2012 materials and activities will engage young people and others in learning how geoscientists gather and interpret data about the Earth and other planets. Through careers in geology, geophysics, oceanography, hydrology, paleontology, Earth science education, and many other fields, they enhance our understanding of Earth processes and improve the quality of human life.

‘With this year’s focus on jobs, Earth Science Week provides a great chance for teachers and guidance counselors to spread the word to students and parents about geoscience careers,” says Ann Berhow, AGI’s Director of Education and Outreach. ‘With over 150,000 positions expected to open in the next decade, opportunities for building an exciting and meaningful career in the geosciences have never been better, even in this tough economy,” says Christopher M. Keane, head of AGI’s Geoscience Workforce Program.
Earth Science Career Resources Now Online

If you became an Earth scientist, what would you actually do? What funds are available to help pay for your studies? How could you get real-world work experience while still a student? You're invited to explore such questions during Earth Science Week (October 14-20, 2013) by celebrating the theme "Discovering Careers in the Earth Sciences."

For the answers to questions like these, look no further than "Geoscience Career, Scholarship, and Internship Resources." This new page on the Earth Science Week website can help you learn how to build a geoscience career in fields such as oceanography, palentology, meteorology, mineralogy, meteorology, geophysics, petroleum geology, environmental science, and space science.

The site includes dozens of links to online resources offered by AIG member societies, program partners, and other governmental, corporate, and nonprofit organizations in the geoscience community. To learn more, visit http://www.earthsciweek.org/themes/earthsciencecareer.html.

Posted by Nathan Smith at 11:25 AM - 0 Comments - 0 trackbacks - Recommend this on Google
Teacher Link Blog
http://teacherlinkyetc.blogspot.com/2012/05/get-ready-now-for-national-fossil-day.html

Get Ready Now for National Fossil Day 2012

Time travel is in your future! The National Park Service and AGI are collaborating to kick off the third annual National Fossil Day during Earth Science Week 2012. On Wednesday, October 17, you and your students can participate in events and activities taking place across the country at parks, in classrooms, and online.

Ever look at a fossil and see into the past? Understand why paleontologists protect the locations where fossils are found? Know what fossils can tell you about climate change? National Fossil Day resources and activities help you answer these questions, celebrating the scientific and educational value of fossils, paleontology, and the importance of preserving fossils for future generations.

Look for fossil-themed activities and materials in the Earth Science Week 2012 Toolkit. And stay up to date on emerging resources and events through the National Fossil Day website at http://www.nature.nps.gov/geology/nationalfossilday/.
Earth Science Week Contests 2012

Posted by Ed Cont on August 20, 2012 in Art, Deadline Oct 2012, Elementary School, Environment, High School, K-12, Middle School, Photography, Reading, Science, Social Studies, Video, Writing

The American Geological Institute is sponsoring three national contests for Earth Science Week. The photography, visual arts and essay contests allow both students and the general public to participate in the celebration, learn about Earth science and compete for prizes. Entries due by 5 p.m. ET October 19, 2012. Complete Details, click here

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Technology in Education Blog
http://mainetechnologyineducation.blogspot.com/2012/10/earth-science-week.html
Texas A&M- Kingsville
Event flyer

FOR MORE INFORMATION VISIT
www.earthsciweek.org
www.earthsciweek.org/contests/photography
www.earthsciweek.org/contests/visualarts
www.earthsciweek.org/contests/essay
Texas Natural Science Center
http://www.utexas.edu/tmm/events/nfd/

National Fossil Day

Wednesday, Oct. 17, 2012

National Fossil Day™, a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

Join paleontologists at Texas Memorial Museum in this nationwide celebration promoting awareness of fossils and the science of paleontology.

For more information contact Pamela R. Owen at 512.232.6511 or send her an email at p.owen@utexas.edu.
Discovering Careers in the Earth Sciences

By Geoff Camphote

Celebrate Earth Science Week 2012

Jobs and employment issues are important to everyone—especially students. Has there ever been a better time to promote awareness of the many exciting career opportunities available in the Earth sciences?

That's why Earth Science Week 2012 will focus on the theme of “Discovering Careers in the Earth Sciences.” During the 15th annual Earth Science Week (Oct. 14-20, 2012), millions of people, in all 50 states and around the globe, will learn about the work of geoscientists by conducting classroom activities, preparing competition projects, and visiting parks, museums, and science centers. Each year, the American Geosciences Institute (AGI) reaches more than 48 million people through its Earth Science Week campaigns promoting better understanding of Earth science and stewardship of the planet.

Day by Day

Join in activities emphasizing different areas of the geosciences on different days:


- On Monday, Oct. 15, Earth Science Literacy Day will focus on videos illustrating the field’s “Big Ideas” (www.earthsciweek.org/teachers/bigideas/main.html).

- Tuesday, Oct. 16, No Child Left Inside Day invites young people to go outdoors and learn about Earth science firsthand (www.earthsclweek.org/ncid).

- Wednesday, Oct. 17, The National Park Service and AGI are collaborating to conduct the third annual National Fossil Day (http://naturescience.gov/geology/nationalfossilday/).
Earth Science Week: The fight against flooding in Manila

By Emma Wigley
Notebook, Science & Technology
Monday, 15 October 2012 at 11:46 am

The last time I wrote a blog for The Independent I was sat on a sagging mattress in a dingy, damp hotel room in Metro Manila, eating a dubious pat noodle (the restaurants were closed), and hoping against hope that the internet might just hold up long enough for me to file my copy. It didn’t of course, and I had to dictate it all over a crackly phone line which took infinitely longer than it should have done.

It was August 7th 2012, the day a tropical monsoon downpour caused devastating flooding in the densely populated city, which affected more than 1.2 million people.

Back in my noticeably drier flat in London two short months later, I am now putting pen to paper again to write about Earth Science Week (14-19 Oct) and yes, my trip to the Philippines is indeed connected. You see, I was in Metro Manila in August not to cover the floods (that was simply a coincidence) but to produce a web documentary, alongside the country’s top earth scientists, about Christian Aid and UNICEF’s life-saving work with urban slum dwellers.

Earth scientists study the earth’s natural processes – atmosphere, water, geology, that kind of thing – and how these processes interact and impact on one another. This week is celebrated this week by academic organisations such as the Geological Society, which is encouraging people to explore their natural world and foster a passion for discovering how scientists gather and interpret data about our planet. And Metro Manila’s urban poor communities have been infinitely doing just that.
Earth Science Week 2012 Essay Contest -- Open to Students in Grades 6-9

http://www.earthsciweek.org/contests/essay/index.html

The American Geosciences Institute is sponsoring an essay contest to celebrate Earth Science Week 2012. Essays...See More

AGI is sponsoring an essay contest to celebrate Earth Science Week 2011. The essay theme for this year is: “How Change Shapes Our Planet.”
Earth Science Week: the Big Ideas videos

Today marks the end of this year's Earth Science Week. In the past, I have summarised and discussed the "Big Ideas" that have been put together by the Earth Science Literacy initiative: these are excellent, fundamental, and of global relevance, so I will highlight them again. Furthermore, they are now supported
#Earth #Science Week 2012 Theme Announced: "Discovering Careers in the Earth Sciences!" Read more at earthsciweek.org/pressreleases/...
Today is Women in the Geosciences Day. Dr. Marcia McNutt is the first woman to be Director of the @USGS on doi.gov/caM6qV #ESW12
Earth Science Week @earthsciweek

#Earth #Science Week 2012 Theme Announced: "Discovering Careers in the Earth Sciences!" Read more at earthsciweek.org/pressreleases/...

Retweeted by USGS in Idaho

4 RETWEETS

4:42 PM - 26 Jan 12 via web · Details

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Earth Science Week
@earthsciweek

#Earth #Science Week 2012 Theme
Announced: "Discovering Careers in the Earth Sciences!" Read more at earthsciweek.org/pressreleases/...
NRC Earth Scientists Celebrate Earth Science Week – Oct. 14-20

This year’s Earth Science Week will celebrate the theme “Discovering Careers in the Earth Sciences.” Many of the activities associated with Earth Science Week can be found at http://www.earthscienceweek.org. Also, be sure to watch the NRC Chairman’s video about her experiences as an earth scientist.

Earth science, also known as geoscience, is a broad term for the sciences related to study of our planet. Typically, earth scientists use tools from physics, chemistry, biology, and mathematics to build an understanding of how the Earth and its related parts work, how it gradually developed into what we know now, and how we can improve our quality of life.
U.S. Nuclear Regulatory Commission (U.S.NRC)
http://www.youtube.com/watch?v=K7-iLTQBdU
Earth Science Week 2012 theme announced: 'Discovering Careers in the Earth Sciences'

published by Anonymous on January 23, 2012 - 10:00pm

(American Geological Institute) The American Geosciences Institute is pleased to announce that the theme of Earth Science Week 2012 will be ‘Discovering Careers in the Earth Sciences.’ This year’s event will boost awareness about the geosciences and the many exciting career and job opportunities in the field.
Science & Engineering Libraries News

New look to the National Geologic Map Database

Today is Geologic Map Day! In honor of this celebration, the United States Geological Survey (USGS) and the Association of American State Geologists (AASG) have released a redesigned National Geologic Map Database. The National Geologic Map Database pulls together geologic maps from the USGS, state geological surveys, and other publishers to help users find geologic mapping of locations across the U.S.

The redesign upgrades both the interface and underlying infrastructure, utilizing the latest technologies to improve search and discovery. This includes the brand new MapView search.

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- Problems & Down Time
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Earth Science Week 2012 Toolkits are available now! The kit contains everything you need to prepare for Earth Science Week (October 14-20, 2012), which celebr…
Celebrating Earth science

Delaware Geological Survey supplies educational materials to teachers for Earth Science Week.

University of Idaho
http://www.uidaho.edu/research/featuredresearch/featured-stories/idaho-geological-survey-map

New Idaho Geological Survey Map a Boon to State's Economic Development

Collaborators include private and corporate and government sponsors.

The new state map can help guide resource management and development for mineral and energy resources at a regional scale. The compilation map will guide the users to additional more detailed references. Timing of the new maps release coincides with Geologic Map Day of Earth Science Week, a public awareness campaign that reaches millions of people each year,
Science Saturday: National Fossil Day

Celebrate National Fossil day by casting fossils and learning about vertebrate and invertebrate fossils with our paleontology staff. Take a tour of the Vertebrate Paleontology Preparation Lab and learn about opportunities to volunteer in the lab. This event is the first in the Science Saturday series, a program of monthly family drop-in events at the museum.

Event Details

Date/Time: Saturday, October 13, 2012
1:00pm - 3:00pm
Location: Dyche Hall/Natural History Museum
Cost: Free, contributions always appreciated
Contact Questions? Call 785.864.4450 or contact us at naturalhistory@ku.edu

University of Kansas' Natural History Museum
http://naturalhistory.ku.edu/calendar/2012/10/13/science-saturday-national-fossil-day
University of Madison-Wisconsin
http://geoscience.wisc.edu/geoscience/9432/its-earth-science-week/
University of Washington Earth and Space Sciences Blog
http://uwess.wordpress.com/2012/05/31/earth-science-week-2012-toolkits-available-for-order/

UW Earth & Space Sciences

Earth Science Week 2012 Toolkits Available For Order
Posted by uwess on May 31, 2012 - Comments Off

Contact: Geoff Campshire (gac)
For Immediate Release

Earth Science Week 2012 Toolkits Available For Order

Alexandria, VA - The American Geosciences Institute (AGI) is now accepting advance orders for the Earth Science Week 2012 Toolkit. The Earth Science Week 2012 Toolkit contains educational materials for all ages that correspond to this year’s event theme, “Discovering Careers in the Earth Sciences.”

Materials include the traditional program poster and school-year activity calendar, as well as printing materials from distinguished program partners such as the National Park Service, NASA, the U.S. Fish and Wildlife Service, Earth, and professional geoscientific societies. This year’s Toolkit provides students with the opportunity to learn about careers in the geosciences, the geologic time scale, GIS, climate science, and much more!

Earth Science Week is an annual event led by AGI along with its sponsors and the greater geosciences community. Each year, community groups, educators and interested citizens organize educational events across the country to service and educate the public. Activities allow participants to discover the Earth sciences and engage in responsible stewardship of the planet. Earth Science Week is supported by the U.S. Geological Survey, the AAPG Foundation, NASA, the National Park Service, the American Geophysical Union, and AGI.

Earth Science Week 2012 will be celebrated October 15-21. To learn more, please visit http://www.earthscienceweek.org. To order your Toolkit, please visit http://www.agi.org/toolkit/order.html. You may also call AGI Publications to place your order at 703-234-3600.

The American Geosciences Institute is a nonprofit federation of geoscientific and professional associations that represents more than 90,000 geologists, geophysicists and other earth scientists. Founded in 1969, AGI provides information services to government, industry, the media and the public, and actively promotes geoscience education at all levels.
University of Wisconsin, Fox Valley
http://www.uwfox.uwc.edu/events/event.asp?eventID=320687
EARTH SCIENCE WEEK UPDATE

IN THIS ISSUE:
* Upcoming Science Festival to Include Career Focus
* Dig Into Earth Science Education With USGS
* Exel Helps Teachers Map Out Education
* Energy Department Programs Empowering Teachers
* NCEER Provides Info on Energy Career Paths
* Help NODA Promote Ground Water Awareness
* SSSA Offers Riches of Soil Science Education
* Workshops to Target Climate, Sustainability
* NSTA Provides Links to Free Science Resources
* Internship Offers Unparalleled Research Opportunity

Upcoming Science Festival To Include Career Focus

Know a young person who is uncertain about career choices? Inspiration and information will be in great supply at the USA Science & Engineering Festival Expo hosted by Lockheed Martin on April 20-21, 2012, in Washington, D.C. The event supports the Earth Science Week 2012 theme of "Discovering Careers in the Earth Sciences."
Thurs., July 19, 2012

Earth Science Week Contests Announced for 2012

Take part in the following contests to celebrate Earth Science Week. This year’s celebration takes place Oct. 14-20, 2012.

Earth Science Week 2012 Photography Contest — Open to All Ages
http://www.earthsciweek.org/contests/photography/index.html

The American Geosciences Institute is sponsoring a photography contest to celebrate Earth Science Week 2012. Photographs should support the topic “Earth Science is a Big Job” and reflect the important work earth scientists do in their communities. Any resident of the United States or any AGI International Affiliate may enter. Entries must be submitted electronically. Only one entry will be accepted per person. Entries are due Oct. 19, 2012.

Earth Science Week 2012 Visual Arts Contest — Open to Students in Grades K-5
http://www.earthsciweek.org/contests/visualarts/index.html

The American Geosciences Institute is sponsoring a visual arts contest to celebrate Earth Science Week 2012. Artwork should focus on the topic “Imagine Me, an Earth Scientist!” The contest is open to students in grades K-5 who are residents of the United States. Participants should submit an original two-dimensional visual arts project that shows themselves as earth scientists. Entries are due Oct. 19, 2012, and must be submitted by mail.

Earth Science Week 2012 Essay Contest — Open to Students in Grades 6-9
http://www.earthsciweek.org/contests/essay/index.html
Vermont Geological Society
http://www.anr.state.vt.us/dec/geo/esweekinx.htm
Explore DNR's online portal to another world—the one beneath your feet—on Geologic Map Day

National Earth Science Week (October 14-19) concludes today with a special focus on geologic mapping and its importance to society. Geologic Map Day aims to put the spotlight on the uses of geologic maps for education, science, business, and a variety of public policy concerns. For example, DNR’s Geology and Earth Resources Division maps areas in Washington susceptible to soil liquefaction and other hazards. These maps help planners, builders and citizens to better understand the potential risks that earthquakes may post to buildings, roads, utilities and other human-constructed features.
Earth Science Week 2012 Theme Announced: Discovering Careers in the Earth Sciences

The American Geosciences Institute (AGI) is pleased to announce that the theme of Earth Science Week 2012 will be “Discovering Careers in the Earth Sciences.” This year’s event will boost awareness about the geosciences and the many existing career and job opportunities in the field.

Earth Science Week 2012 materials and activities will engage young people and others in learning how geoscientists gather and interpret data about the Earth and other planets; through careers in geology, geophysics, oceanography, hydrology, paleontology, Earth science education, and many other fields, they enhance our understanding of Earth processes and improve the quality of human life.

“With this year’s focus on jobs, Earth Science Week provides a great chance for teachers and guidance counselors to spread the word to students and parents about geoscience careers,” says Ann Bernard, AGI’s Director of Education and Outreach. “With over 150,000 positions expected to open in the next decade, opportunities for building an exciting and meaningful career in the geosciences have never been better, even in this tough economy,” says Christopher M. Kline, head of AGI’s Geoscience Workforce Program.

AGI leads Earth Science Week annually in cooperation with its sponsors and the geoscience community as a service to the public. Each year, community groups, educators, and interested citizens organize complimentary 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, NASA, the National Park Service, ExxonMobil, and Esri.

Earth Science Week 2012 will be celebrated October 14-20. For more about this week and
Geologic Map Day: Celebrate on October 19!

Celebrate the first annual Geologic Map Day! On October 19, as a part of the Earth Science Week 2012 activities, join the American Geosciences Institute (AGI), the Association of American State Geologists (AASG), and the U.S. Geological Survey (USGS) in promoting the importance of geologic mapping to society.

Geologic maps tell the story of each state’s natural history through time, what rocks and minerals are there, how rivers and waterways were formed, where landslides and earthquakes have happened, and much more. Learn how to make geologic maps and how to read and understand them on Geologic Map Day. Go to http://www.stategeologists.org/ and click on your state to find your state’s geologic map and educational materials about your state’s geology.

*In Minnesota we use geologic maps to keep our drinking water safe and to show why we have sinkholes. They are a brilliant tool to answer questions about the land and water passed by everyone from students to our state and national leaders* notes Dr. Harvey Thorkelson, President of AASG and State Geologist of Minnesota.

Additional resources for learning about geologic maps can be found on the AGI Geologic Map Day web page [http://www.earthsciweek.org/geologicmap/]. Earth Science Week 2012 will be celebrated October 14-20. To learn more, please visit [http://www.earthsciweek.org/].
Earth Science Week Essay Contest 2012 for Students (grades 6-9) | $300 top prize (US only)

Post date: Jun 22, 2012
Deadline: 19 October 2012

AQI is sponsoring an essay contest to celebrate Earth Science Week 2012. The essay theme for this year is: "Geoscientists Working Together."

WHO CAN ENTER?

The essay contest is open to any interested person in grades 6-9. You must be a resident of the United States to enter.

WHAT IS THE SUBJECT OF THE ESSAY?

Your essay should focus on the topic "Geoscientists Working Together."

Our planet’s land, water, air, and living things each affect and are affected by one another. Earth scientists observe these interactions among Earth systems — the geosphere, hydrosphere, atmosphere, and biosphere. How do geoscientists study these interactions to solve problems and seize opportunities in areas such as harnessing energy, farming land, ensuring safe water, preparing for natural disasters, protecting the environment, and building communities? Identify...
Red Rock Canyon gives dinosaur fans special presentation

By Krista Heistetter
CREATED OCT 18, 2012

Clark County, NV (KTNV) – Las Vegas might have a lot of interesting residents now, but they don’t have anything on some of the original locals.

Wednesday at the Red Rock Canyon National Conservation Area, visitors got a peek into the time when dinosaurs ruled the Valley.

The presentation went through the evidence that dinosaurs lived in at least 17 of Nevada’s counties.

If you missed Wednesday’s presentation, head to the Red Rock Canyon National Conservation Area on Saturday, Oct. 20 for National Fossil Day and National Archeology Day.
Museum Celebrates National Fossil Day

Wednesday was National Fossil Day, and the Illinois State Museum, part of the Capitol Complex in Springfield, celebrated by having geologist Chris Widga display sets of lower jaws — mandibles — from mastodons which likely roamed what is now Missouri. "When they went extinct, it was a time period when we had the first humans into North America. It was a time period when you had a lot of climate change, which kind of sounds familiar," Widga says.

Click here for summary

"If we can start figuring out the nuts and bolts of the ecosystem, how the ecosystem worked at that time, and how climate was changing it, and how humans were changing it, then we have a better feeling for why these animals went extinct, and then, perhaps, how ecosystems and how our world's going to change in the next hundred years." Widga says ongoing advances in education and technology require such artifacts be re-examined approximately every 10 years.
Earth Science Day is today at Pima's Northwest campus

Pima Community College's Earth Science day from 9 a.m. to 1 p.m. today seeks to expose students of all ages to the wonders of science and the natural world.

Students will get a chance to check the accuracy of the giant campus sundial and taste food cooked in a solar oven.

The event will take place at the PCC Northwest campus, 7600 N. Shannon Road.

For more information call 260-4850.
Explore Arlington Heights Through Geocaching

It's National EarthCache Day

What's that you say?

It's a day that will help you get out there to explore your Arlington Heights community... or any other community you pick throughout the world.

An EarthCache is a type of geocache, which is a kind of treasure people try to locate using coordinates entered into a GPS or a cell phone.

Sometimes finding a geocache means finding a container. In some of those containers, you'll find little trinkets that you can trade with others. In others, there is just a teeny, tiny piece of paper where you mark that you've found it, and revel in the thrill of the hunt.

According to geocaching.com, there are nearly 2 million geocaches around the world, and 5 million people out there seeking the caches. Right here, in and around our Arlington Heights community, there are thousands of the caches placed there by residents just like you.

There also are Earthaches, which don't actually have containers.
Dinosaur expert to talk in Lewistown on Friday

When Nell Curry Rogers was in second grade, she read a science article about fossilized dinosaur eggs that had been found in Montana. The story inspired her so much that she was inspired to become a dinosaur expert.

As a high-school student, she was able to travel to Egg Mountain near Choteau, which cemented her commitment to return and study at Montana State University, eventually under famed paleontologist Jack Horner.

Now a professor of vertebrate paleontology at Blackfeet College in St. Paul, Montana, Rogers is hoping to excite a new generation of young scientists during talks in Lewistown schools on Friday, and on Friday evening will talk about "Dinosaurs: The Science Behind the Stories" at Brooks Hardware, 104 Second Ave. S., at 7 p.m.

The presentations are sponsored by the Bureau of Land Management as part of its celebration of National Fossil Day.

Rogers now owns a house in Lewistown with her husband, Gregory Henry Rogers, because they want to be at home while he leads the two-week summer excavation and working in the nearby Bison River Beds on BLM-administered land. Rogers has been to the ones known as the White Cliffs beds for 15 years, her husband for 20 and their 18-year-old daughter, Lucy, has been visiting the region since she was 3 months old.

"The White Cliffs beds have some of the most diverse fossils on the planet," Kraft said. "Back in the Triassic period, this was an environment perfect for preserving fossils."

Rather than creating a large-scale dinosaur fossils, however, the Rogers family is exploring microfossils in the Judith River Formation that contain remains of different fossils — everything from teeth to scales of fish, frogs, snails, salamanders and crocodiles.

"We're trying to focus on the fossils we find to understand the ancient ecology of the landscapes," she said. "Dinosaurs and the organisms that lived at their feet."

Dinosaur talks on tap in Billings

A preview of the popular film "Montana" and what it teaches about past climates, environments and ecosystems will be presented on Tuesday by paleontologist Greg Vashel of the Bureau of Land Management. 

The 7 p.m. talk at the Fort Smith Auditorium, 2030 E. Third St., will be in conjunction with the 20th annual National Fossil Day. 

The fossil presentations in the afternoon are on display by the Giant of the Cincinnati Museum Center. The Center plans to talk about the work it has done in southeastern Montana to find past 200 years-old fossils with a display of a clay model site in Grand Teton National Park.

We will present a summary of what has learned from this site about the lives of long-lived dinosaurs.

Related Links
- Nell Curry Rogers interview on National Public Radio
- BLM excavation of White Cliffs
Idaho’s Rock of Ages: A New View of the Gem State

Idaho’s Rock of Ages will get a new look at the Gem State on Friday, Oct. 19, when a updated map of Idaho’s geology, is released, geologists announced at an event in Boise. The 30-year-old map will be replaced with a new one that will show the state’s geological features and their locations. The map was compiled from more than 150 sources, including work from the U.S. Geological Survey, Boise Geology Center and academic institutions.

This morning’s news release Thursday, Oct. 19, that the new map will cost $20, plus shipping and handling, and will be available at the Boise Geology Center.

In addition to the new map, the Boise Geology Center will also release a new geological survey of the state’s geology.

The survey was compiled from more than 150 sources, including work from the U.S. Geological Survey, Boise Geology Center and academic institutions.

Photo: Boise Geology Center
Tennessee Governor Bill Haslam Proclaims October 14th-20th Earth Science Week in Tennessee

October 13, 2012

Earth Science Week Toolkits Available to Teachers Across the State

Nashville, TN – Tennessee Governor Bill Haslam has proclaimed October 14th-20th Earth Science Week in Tennessee, promoting the important role that geology and other earth sciences play in Tennessee’s safety, health, welfare and economy.

As part of Earth Science Week, the Tennessee Department of Environment and Conservation’s Division of Geology, in partnership with the American Geosciences Institute, has a limited number of Earth Science Week toolkits to distribute to science teachers across the state.

“This is a special week designed to engage students in the earth sciences and why they are so important to understanding the natural world around us,” said Environment and Conservation Commissioner Bob Martinieu. “Tennessee has varied and unique geological features throughout the state and we are pleased to provide these educational tools to Tennessee’s classrooms.”

The 2012 Earth Science Week theme is “Discovering Careers in the Earth Sciences,” designed to engage young people and the public in learning how geoscientists gather and interpret data about the Earth and other planets. Special items in the toolkits will include resources and materials from the National Park Service, NASA, Soil Science...
Animals that got stoned

Joe Kernan

@S_Byline Name: By JOE KERNAN

@T basic: The Museum of Natural History at Roger Williams Park is holding its annual National Fossil Day celebration on Saturday. According to their press release, the museum's massive collection of fossil specimens brings Rhode Island's prehistoric past to life.

Mike Kieron, the museum's resident geologist, will display 300 million-year-old plants and animals that once lived in Rhode Island.

"We have some fossils from the Coal Age in Rhode Island, but most of our fossils come from other places," said Kieron.

But the focus Saturday will be on fossils that "roamed right here in our backyard during the Ice Age."

Children can participate in hands-on activities and crafts, make a fossil to bring home with you, and even bring your fossil mysteries to be identified.

"Like all of us, kids are fascinated by these large terrifying beasts that lived a long time ago," said Kieron. He said they appeal to their imaginations and spark a curiosity about the natural world and that curiosity should be nurtured, which is one of the goals of National Fossil Day.

According to the National Park Service (NPS), "National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value."
Deseret News

Capitol Reef National Park to mark Earth Science Week

Published: Wednesday, Oct. 3 2012 3:19 p.m. MDT

Summary
Children and adults will have the opportunity to learn more about geosciences at Capitol Reef.

CAPITOL REEF NATIONAL PARK — Children and adults will have the opportunity to learn more about geosciences at Capitol Reef National Park during Earth Science Week on Oct. 18–20.
Mammoth's skeletal remains found 21 years ago still captivating

BY RON LEONARD | Erie Times-News
rleonard@erie-news.com

Daniel Fisher, a renowned University of Michigan paleontologist, has studied hundreds of skeletal remains of the age-old mammoths found worldwide.

One of the more complete specimens he's evaluated are the more than 200 bones from the Moon Mammoth, the skeletal bones discovered in 1991 at the bottom of Lake Pleasant in Venango Township.

The specimen was named after George Moon, the deer hunter who discovered the bones.

Fisher, who has studied the specimen for the past 20 years, recently returned the bones to the State Museum of Pennsylvania in Harrisburg.

The collection will be on display there Wednesday for one day only as part of National Fossil Day events.

"It was one of the more complete skeletons recovered from the Great Lakes region," Fisher, 83, said. "It is quite complete. It gave me the opportunity to carefully document the skeletal anatomy of this animal. That's what I was doing for many years during the time I had the specimen in my laboratory."

About 89 percent of the mammoth's body was recovered in 1991, Fisher said.

After its discovery, the specimen remained in storage at Drexel University for study under the direction of Dr. Noel Jankowski, then a professor of anthropology at the school.

When Kingpin retired in the mid-1960s, he asked Fisher if he would be interested in continuing study of the specimen, Fisher said.

The bones were shipped to the University of Michigan Museum of Paleontology, where they were housed until a few weeks ago.
ABOUT AGU

Earth Science Week Is Coming Soon

PAGE 406

AGU along with other societies, federal agencies, and organizations is participating in Earth Science Week (ESW), being held 14–20 October 2012 (http://www.earthsciweek.org/index.html). This year’s theme, “Discovering careers in the Earth sciences,” encourages young people everywhere to explore the natural world and learn about the geosciences. To find out more about how you can participate in ESW by planning an event, go to http://www.earthsciweek.org/forplanners/index.html. To learn about ESW events taking place in your area, visit http://www.earthsciweek.org/eventsnearyou/index.html.

—PRAWAT M. ASNER, Manager, Education and Public Outreach, AGU; Email: pawat@agu.org
National Park Service Host Fossil Day on National Mall

The second annual National Fossil Day is taking place along the National Mall.

The event Wednesday is being hosted by the National Park Service and by partner organizations. It takes place from 10 a.m. to 2 p.m. in front of the Smithsonian National History Museum.

National Fossil Day is designed to encourage public awareness and of fossils. It’s part of Earth Science Week and is free and open to the public.
2012 Earth Science Week provides free geological field trip

RENO -- The Nevada Bureau of Mines and Geology, a public service and research department in the College of Science at the University of Nevada, Reno, is holding its 15th annual Earth Science Week field trip as part of a national celebration of earth sciences.

This year’s event, titled "Tuff All Over: Exploring Faulted Volcanic Terrain in the Painted Hills, Virginia Mountains, West of Pyramid Lake," will be led by University geologists D.D. LaPointe, Jon Price, Jim Fausto, Craig dePolo and David Davis. The all-day trip will take place on Oct. 20 or 21.

Those who wish to attend can sign up for either day.

Participants will see how geologists discover the history of an area using geologic maps, view the hazards of an earthquake from indications of recent faulting and assess the potential for mineral resources. Individuals will also have the chance to collect many different types of volcanic rocks, including several tuffs, and some diatomite, which has occasional leaf fossils.

"On the trip, people will learn more about the geology of Nevada, and they will also get the chance to see how easy it is to collect interesting rocks," Price, state geologist emeritus said. "They can also expect to learn about the hobbies of geocaching and earthcaching."
The State Museum of Pennsylvania Gives Visitors Rare Opportunity to see 12,000-year-old "Moon Mammoth"

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SOURCE Pennsylvania Historical and Museum Commission

Mammoth Bones on Display for One Day Only Oct 17

HARRISBURG, Pa., Oct. 9, 2012 (PRNewswire-USNewswire) — The State Museum of Pennsylvania will present a rare opportunity to see the museum's newest acquisition, the "Moon Mammoth."

The bones will be on display for one day only, Wednesday, Oct. 17, in the state museum's Dino Lab. The bones will then go into storage for scientific study.

In addition to viewing the mammoth skeleton, visitors can meet the museum's paleontologists, archaeologists and educators between 11 a.m. and 2 p.m.

The mammoth was discovered in 1996 at the bottom of Lake Pleasant in Erie County by archaeologist George Moon.

The "Moon Mammoth" skeleton is one of the most complete specimens from the Great Lakes region. Eighty percent of the body is together including metatarsals, tibia, lower jaw, humerus, radius, ulna, both shoulder blades, pelvis, vertebrae, ribs and foot bones.

Mammoths lived 30,000-10,000 years ago and are related to the modern elephant. They were herbivores and ate mostly grasses. The mammoth was covered with hair which led to the name "woolly mammoths."

This special event is part of National Fossil Day events.

Organized by The National Park Service and the American Geosciences Institute, National Fossil Day promotes public awareness and stewardship of fossils, as well as a greater appreciation of their scientific and educational value.

The State Museum of Pennsylvania, adjacent to the State Capitol in Harrisburg, is one of 25 historic sites and museums administered by the Pennsylvania Historical and Museum Commission as part of the Pennsylvania Trails of History. The State Museum offers expansive collections interpreting Pennsylvania's fascinating heritage. With exhibits examining the dawn of geological time, the Native American experience, the colonial and revolutionary era, a
Interactive docu: How PHL slum dwellers can cope with floods

SHAIRAF. PANEZA, GMA NEWS  October 17, 2012 4:17pm

Two months ago, on Aug. 7, Metro Manila and nearby provinces were shocked by a monsoon deluge, resulting in the evacuation of over 700,000 people.

The disaster became the perfect backdrop for an international organization’s initiative to educate Filipinos on various geological hazards and ways of coping with such disasters in the future.

In line with the commemoration of Earth Science Week from Oct. 14 to 19, international charity organization Christian Aid launched “Big River Rising,” an interactive documentary “that demonstrates the importance of science in helping Filipino slum dwellers cope with flooding.”

“The documentary follows Rebe, who has been trained by Christian Aid partner the Centre for Disaster Preparedness to monitor the river and alert her community as she helps coordinate the evacuation while her shantytown home disappears beneath the floodwaters,” Christian Aid said in a statement.
The Hot Springs Star

3rd annual National Fossil Day at The Mammoth Site

HOT SPRINGS - The U.S. National Park Service and the American Geological Institute are partnering to host the third annual National Fossil Day on Wednesday, Oct. 17, during Earth Science Week. The mission of National Fossil Day is to celebrate and promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.

In recognition of National Fossil Day, the Mammoth Site of Hot Springs will provide many activities for children and adults alike.

Since it is a school day, the crew at The Mammoth Site is spreading the word to teachers and home school parents that the following special events are available at the Mammoth Site on Oct. 17.

- **Ice Age Art contest** (mixed media, cardboard, paper mache, etc.)—Preschool, Grades K-5, Grades 6-12, and adult prizes will be awarded
- **Prehistoric antique rock show**, which will allow patrons to bring rocks and fossils to the museum to be identified by Dr. Larry Jasterzbski - 9:30-11:30 a.m. and 2:30-4 p.m.
- **Lecture** by visiting scientist Dr. Eugene Meshenko, topic to be announced - 1 p.m.
- **Make your own plaster cast of the surface of a mammoth tooth** - 11 a.m. and 2 p.m.

**Art** at **Throwing Experience**, weather permitting - 2 p.m.

All of these activities are free, with paid admission to The Mammoth Site.

The Mammoth Site will be open from 9 a.m. to 5 p.m. with the last tour at 4 p.m.
Hot Springs Star

Mammoth Site hosts Fossil Day event

Kelli Asher from The Mammoth Site assists students from Bethesda Lutheran School in making plaster of Paris to make a mammoth tooth mold during Fossil Day at the site last week today.
New Idaho Geological Survey Map a boon to state's economic development; Idaho State University plays large role in its creation

Posted October 11, 2012

Story written by: Paula Devengport, University of Idaho
Communications, Moscow, Idaho

MOSCOW – Map enthusiasts, geoscientists and resource managers this week will welcome the Idaho Geological Survey’s first release in 35 years of an all-encompassing geologic map of the Gem State.

Geologic maps – in addition to showing regular features like mountains, rivers, plains, towns and roads – include details on the distribution, nature and age relationships of rocks, faults and strata.

A hydrogeologist could consult the map, for example, to determine the type of substrate in which a region’s water is developed. Conservation biologists might refer to it for information on wildlife habitats. The Idaho Transportation Department would find valuable specifics on road construction materials and highways that are most likely to experience geologic hazards such as dangerous washouts and landslides.

“This new state map can help guide resource management and...
Grand Canyon National Park to Celebrate Earth Science Week
by Maureen Oktogar
Published - 10/01/12 - 12:20 PM | 0 0 0 0 0

(Grand Canyon, AZ) - Grand Canyon National Park invites the public to join in its celebration of Earth Science Week (ESW) and National Fossil Day during the week of October 14 – 20, 2012.

Earth Science Week promotes understanding and appreciation of the Earth sciences and their relevance to our daily lives. National Fossil Day, a part of Earth Science Week, fosters a greater appreciation of the scientific and educational value of fossils and promotes public stewardship of fossil sites. Grand Canyon is an ideal place to celebrate ESW, as it is a natural classroom and laboratory for the earth sciences and is one of the world’s most famous geologic landscapes.

The park’s commemoration of Earth Science Week will include a variety of special programs. Fossil Walks will be offered from Monday through Thursday, October 15 – 19, at 10 am.

On Tuesday, October 16, the park will celebrate No Child Left Inside Day as part of Earth Science Week by offering a special family-oriented Fossil walk at 4:30 pm. On Friday, October 19, a 3.5-mile roundtrip guided hike on the Bright Angel Trail to Horseshoe Bend will focus on the springs and seeps found along Bright Angel Trail and their importance to the canyon.

Also on Friday, October 19 is the week’s keynote presentation “Eddie McKee: A Grand Life” at 7 pm.

On Saturday, October 20, keynote speaker, Sarah Andrews, will offer an additional program, “CBS Grand Canyon: How Geologists Help Solve Mysteries” at 11 am.
UI Museum Displays Iowa-Found Mammoth Bones

By Hayley Bruce, Reporter

IOWA CITY, Iowa - Roughly 70 people gathered at the University of Iowa's Natural History Museum to learn more about Iowa-found mammoth fossils in observance of National Fossil Day Wednesday.
(Neb.)- Agate Fossil Beds To Celebrate National Fossil Day And Center's Birthday

By Rose Graham-Marks Posted at: 10/09/2012 10:45 AM

(AGATE FOSSIL BEDS): The community is invited to National Fossil Day and the 20th Birthday Party of the Visitor Center at Agate Fossil Beds National Monument. The event will take place on October 13th at 1:30 p.m. National Park Service curator Greg McDonald will present "The Equus Files: Fossil Horses and National Parks."

Birthday cake will be served at 3:00 p.m. after McDonald's talk. Visitors are encouraged to share memories they have of both the years before the visitor center building and its early years. They can also learn about other area fossil attractions. Junior paleontologist activities will be available throughout the day. The two trails will be open from dawn to dusk for outdoor enjoyment.

The Agate Fossil Beds Visitor Center is located 22 miles south of Harrison or 34 miles north of Mitchell and three miles east on River Road. The visitor center is open from 8:00 a.m. to 4:00 p.m. Agate Fossil Beds is a free park.

(Questions? Comments? E-mail news@chadrad.com.)
Museum's mammoth skeleton needs a name

Students in a fourth-grade class at Basic View Elementary School look at the Carboniferous mammoth at the Nevada State Museum in 2011. (Judy Grub photo)

BY JUDY GRUB
LAS VEGAS REVIEW-JOURNAL

Posted: Oct. 9, 2012, 12:02 a.m.
Updated: Oct. 9, 2012, 1:02 p.m.

The skeletal remains of the 12,000-year-old mammoth at the Nevada State Museum have no name, but the staff is working to find one.

"We've been trying to find a name for this mammoth for the past three to four years," said Julia Link, the museum's curator of paleontology.

The mammoth, which is housed in the museum's "Life of the Ice Age" exhibit, is considered to be one of the most complete mammoths in the world.

"It's such an important item," Link said. "People are always stopping by to look at it."
Mesquite Citizen Journal
http://www.mesquitecitizen.com/viewnews.php?newsid=2991&id=70
October 8, 2012

What's His Name Wants New Name
Posting Date: 10/08/2012

CONTEST TO NAME THE ELEPHANT AT RED ROCK COUNTRY MUSEUM, LAS VEGAS HERO OCT 12 DEADLINE

"What's His Name" is in need to add a 65-year-old. When that
takes name is a 14,000 foot mammoth
Mammoth who roamed the region
more than 10,000 years ago, getting
the name right is a very big deal.

Now through Oct. 12, the Red Rock Country Museum, Las Vegas is inviting the public to enter the 14,000 foot Mammoth contest and suggest a name for its signature piece in celebration of National Fossil Day Oct. 12.

"We'll post three finalists names on Facebook Oct. 15 and we're asking the public to vote from 10 a.m. to 3 p.m.," said Museum Director Dennis Magrini. "We're hosting the event from California's San Bernardino County Museum highlighting the rich Paleo Research and Discovery in the Upper Las Vegas Wash. We know people will want to come see what they’ve found and maybe they’ll be inspired to name this the mammoth equivalent."

Eureka Community Christmas Tree Grand Thursday, Dec. 6, features the Charity Christmas Village

$40,000-CASH CAR TRUCK

DEALT ROYAL GET A BONUS!

PAY WITH YOUR POINTS

Your Living Place
in Mesquite
Celebrate National Fossil Day at Red Rock Canyon
Posting Date: 10/12/2012

Press Release

Las Vegas — Bones and teeth and tracks, oh my! These days, dinosaur remains have been discovered in four of Nevada’s 17 counties. But, Nevada’s dinosaurs are known from two of the three periods of the Age of Dinosaurs, the Jurassic and the Cretaceous.

On Saturday Oct. 20, from 10 a.m. to 2 p.m., Red Rock Canyon National Conservation Area will observe National Fossil Day and National Archaeology Day. A number of organizations who share a common mission in protecting and managing natural and cultural resources will set up various displays and table-top interpretive materials to inform the public about their specific organization and the role they play in preserving our resources.

The Jurassic-aged fossils represent footprints in a vast sand sea which covered the entire west coast of North America 200 to 180 million years ago. These tracks are found in Red Rock Canyon National Conservation Area as well as Valley of Fire State Park.
Maine Earth Science Day to be celebrated

AUGUSTA -- Maine Earth Science Day is set for 9 a.m.-3 p.m. Wednesday, Oct. 17, at the Maine State Museum.

In celebration of national Earth Science Week, the museum will present a one-day educational fair full of displays and interactive demonstrations focusing on Maine's geology, energy education, hydrology, archaeology and mega-mammals from the Ice Age. Participants can see how products from the earth contribute to our economy, education and enjoyment. Participants can learn about renewable energy, how granite is quarried, and can also pan for gold. Admission is free.

Schools, homeschools, and other groups are asked to schedule in advance, maine.state.museum.org/learn/

Send Question/Comment to the Publisher

Send this story to a friend
Morning Sentinel

October 13

L.C. BATES MUSEUM PROGRAMS

Morning Sentinel Staff

HINCKLEY—The L.C. Bates Museum offers many fall opportunities. Visitors can tour the museum, participate in a museum program and/or take a walk on the trails behind the museum. There are several programs including weekly Wednesday afternoon, Naturalist As Artist Programs at 3 p.m. and Family Nature programs at 10 every Saturday morning. The Saturday programs include; a guided fall leaf walk, Oct. 13, skulls of mammals and birds, Oct. 20, and nocturnal creatures Oct. 27.

October programs explore varied aspects of nature from the moon to the rocks under our feet. The following is a list of some of the programs:

* National Earth Science Week—participants can view rocks and minerals, Oct. 14-20.

* Rock walk and rock collections is planned for 1 p.m. Saturday, Oct. 20. It is national Rock Collecting Day and organizers will begin a small collection and explore rock formations outside.

* National Fossil Day Tour will begin at 3 p.m. Wednesday, Oct. 17. The museum collection can be toured, dinosaur fossils are on exhibit and participants can make a fossil to celebrate national fossil day.

* Halloween fun is on the agenda for 1 p.m. Saturday, Oct. 27. Those interested can explore nocturnal, creepy and just plain weird creatures at the museum. The museum will be decorated for the festive event.
Get Your Fossil On

Page Museum paleontologists talk ancient finds and more.

By Asia Orner Parker | Wednesday Oct 10, 2012 | Updated 11:18 PM PST

The Page Museum at the La Brea Tar Pits marks National Fossil Day on Saturday, Oct. 13.
National Fossil Day to be observed Oct. 20

By City of Ladonia

Oct 2, 2012

Ladonia — A Fossil Workshop will be Fannin County’s contribution to National Fossil Day this year. The event will be held in Ladonia on Saturday, October 20, and will focus on fossil and artifact hunting in the North Sulphur River.

An annual event organized by the National Park Service and held during National Earth Science Week each October, the local event is sponsored by partners including the City of Ladonia, Bons d’Arc Chapter of Texas Master Naturalist, and the Dallas Oil Men’s Natural History Society.
Photographers click with GeoShot quest

Photographers across Australia with an interest in landscape and nature have been invited to enter a competition to find the country's "Top GeoShot".

Geoscience Australia's Top GeoShot photographic competition is hosted by the national geoscience agency as one of its key events for annual Earth Science Week which will run from 14 to 20 October.

Manager of Education and Events at Geoscience Australia, Vish Poo, said everyone was invited to enter, with both an open category and another for school students up to Year 12 on offer.

"Be as creative as you like as we are looking for a collection of photographs that show the essence of what the Earth sciences mean to everyday Australians," Mr Poo said.

"Last year we received 185 entries, with the winning entry featuring a photo by Erika Rudnick of melt streams on the Lambert Glacier in Antarctica.

"We even received an entry submitted from as far away as St Louis in the United States of America."

She said all entries would put on display in the foyer of Geoscience Australia's headquarters in Canberra in the lead-up to Earth Science Week, with the winners announced during the week.

She said winning entries would receive a professionally framed enlargement of their image while a selection of the best photos would be showcased on Geoscience Australia's website.
Science Center to host fossil festival

October 16, 2012 12:25 p.m. • BY ELMIRA TROMON Heagg• dheagg@post-dispatch.com • 314-940-9243

In celebration of National Fossil Day, the St. Louis Science Center is hosting a Festival of Fossils from 10 a.m. to 3 p.m. Saturday. Activities include Dino Bingo, Construct-a-Saurus and other fossil games. At 2 p.m., scientists will unveil their latest fossils discoveries from the center's Paleotrek program in the Badlands of Montana. Visitors also are invited to bring their own fossils to be examined by Science Center staff.

Fossil Festival • 10 a.m.-3 p.m. Saturday • St. Louis Science Center, 5050 Oakland Avenue • elhc.org
The National Park Service and over 220 partners are celebrating our nation's rich fossil heritage and promoting science education today, the third annual National Fossil Day.

Hundreds of fossil-related events and activities are scheduled at museums, parks, schools and fossil sites throughout the United States. This national celebration is designed to promote interest in and a greater understanding of dinosaurs and other ancient animals and plants, many of which are preserved in rocks within national parks.

Dinosaur footprints, petrified trees, ancient coral reefs and fossil mammal skeletons are just some of the types of fossils found in our national parks. Paleontological research has yielded information about fossils in 201 parks in the National Park System. Collectively, fossils from the parks provide a detailed story about the history of ancient life in America, foster opportunities for further discovery and research, and enable the public to experience fossils in their natural context.
HARRISON — Agate Fossil Beds National Monument will celebrate the third annual National Fossil Day Saturday Oct. 13, and the 25th birthday of the visitor center.

NPB Senior Curator of Natural History Greg McDonald will speak at 1 p.m. and there will be activities for young people and birthday cake will be served at 3 p.m. The tails are available from dawn until dusk for exploration of the sites where fossils were found in the late 1800s.

Greg McDonald, an instructor at the Department of Anthropology at Colorado State University, will speak about horses and mineral fossils at the event in the American Indian exhibit at the National Museum of the American Indian through Jan 1, 2013. Admission for the day will be reduced to $2.

The "Junior Paleontologist Activity Book" will be available Saturday and Sunday for youngsters to work on as well as other ranger led activities. Participants receive a badge and a certificate for completing the book as well as a special prize during the weekend.

The Oregon Trail Museum Association operates the bookstore in the Agate Fossil Beds Visitor Center and carries the official National Fossil Day kit. The official National Fossil Day stamp, magnets and postcards, books about fossils, fossil exploration and The Coke Collection of American Indian Artifacts are also available.

Agate Fossil Beds National Monument is located just 12 miles south of Harrison, or 34 miles north of Mitchell on State Highway 29, then east on River Road three miles to the visitor center.
Agate to celebrate Fossil Day, visitor center anniversary

On Saturday, Oct. 13, Agate Fossil Beds National Monument will celebrate the third annual National Fossil Day and the 20th birthday of the visitor center.

At 10:30 a.m., National Park Service Senior Curator of Natural History, Greg McDonald will speak. There will also be activities for the young people and birthday cake. The trails are available from dawn till dusk for exploration of the sites where fossils were found in the late 1870s.

Greg McDonald, an instructor at the Department of Anthropology at Colorado State University in addition to his responsibilities with the NPS museum collections program, will speak about national fossils, especially horses. The subject has been in the American Horse club from the Cooch Collection being on temporary display in the "Song of the Horse Nation" exhibit at the National Museum of the
Dig in to Earth sciences during Saturday events at RMSC


ROCHESTER – Visitors to the Rochester Museum & Science Center, 657 East Ave., will be able to discover the wonders of science in a variety of fields during “Science Saturdays” throughout the month of October.

Attendees explore Earth science, fossils, archaeology and chemistry. Enter families and community members of all ages can experience the excitement of science through hands-on interaction and talks from the experts.

Upcoming “Science Saturdays” include (scheduled from 11 a.m. to 4 p.m., unless otherwise noted):

Saturday, October 3

- WHAT EARTH SCIENTISTS DO. Presented by Dr. Penny Higgins from the University of Rochester at 11 a.m. and 12:30 p.m. Visitors learn about the Earth sciences from earthquakes to polar studies, and climate change, in oil and space exploration—see what Earth Scientists do, what they discover and explore potential career paths.
- FOSSILS. Presented in the Museum’s Fossil Section by the Rochester Academy of Science. Visitors see fossils from New York State and beyond.
Library to celebrate National Fossil Day

FARGO – Jessie Rock, a geologist in the geosciences department at North Dakota State University, will present a free, hands-on session to celebrate National Fossil Day at 6:30 tonight at the downtown Fargo Public Library.

Word count: 78
Sternberg offers the chance to bone up on fossils
Published on 10/17/2012, 10:01 AM

By ABBY BOLDEN

There will be plenty of fun to dig up Saturday at Fort Hays State University's Sternberg Museum of Natural History.

From 10 a.m. to 4 p.m., the museum will showcase several activities on National Fossil Day.

Ghislain Snyder, a master's student in liberal studies in geology at Fort Hays State University, helped plan the day's events.

Snyder said there will be Fossil Bowl or Fossil Thieves, a lecture on the Paleontological Resources Preservation Act, lectures from students with parents who have backgrounds and fossil-picking for children.

Snyder also said tours of the museum's collections will be given for free with museum admission.

Admission for children ages 4 to 12 is $5, ages 13 to 59 is $8, and 60 and older is $6.

FHUSU student admission is $4 with a valid student ID.

In addition to the events, the musical play "Bone Wars" will premiere at 5:30 p.m.
A Week to Celebrate Life-Saving Earth Sciences

This week is Earth Science Week - a time to celebrate and explore our natural world and the work of geoscientists globally - and what better way to start it than with an extraordinary jump from the edge of space.

Felix Baumgartner, the 43-year-old Austrian sky diver who leapt into the atmosphere 24 miles above the earth on Sunday, not only smashed a number of world records, but collected invaluable scientific data for use in future space travel and...
Idaho rocks: New map offers updated view of Gem State geology

State's story is depicted in 36-by-48 inches and features 75 colors

Published Sunday, October 14, 2012 12:00 am | Updated: 5:00 pm, Tue Oct 16, 2012.

By William L. Spencer of the Tribune

Idaho's geological history will be on exhibit this week when the Idaho Geological Survey releases the first new geologic map of the state since 1978.

The map goes on sale Friday, just in time for the Earth Science Week/Geologic Map Day celebration.

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Gov. Jay Nixon declared the week of Oct. 14 through Oct. 20 as Earth Science Week 2012 to bring awareness to the fact that earth sciences are fundamental to the health, safety, and well-being of all Missourians.

"Discovering Careers in the Earth Sciences" was selected by the American Geosciences Institute as the theme of Earth Science Week 2012 to boost awareness about the geosciences and the many exciting career and job opportunities in the field. Through careers in geology, geophysics, seismology, hydrology, paleontology, or earth science education and many other fields, they enhance our understanding of Earth processes and improve the quality of human life.

On Wednesday, Oct. 17, the third annual National Fossil Day will be celebrated when the department will host special exhibits at the Ed Clark Museum of Missouri Geology. Visitors to the museum will receive a small Edmands sternell (the official state fossil) to add to their personal collections.

A highlight of this year's activities will include the first-ever Geologic Map Day. Geologic Map Day will be held Friday, Oct. 19 to promote awareness of the study, uses, importance of geologic mapping for education, science, business, and a variety of public policy concerns.

Geologic Map Day and National Fossil Day exhibits will be on display from 9 a.m. to 5 p.m. at the Ed Clark Museum of Missouri Geology weekdays during Earth Science Week. The museum is located at 1111 Fairgrounds Road, Rolla. Admission is always free. The museum is also open to the public for self-guided tours from 8 a.m. to 5 p.m. weekdays. Visitors can learn about geologic maps, Missouri fossils, or see an impressive assortment of rocks, minerals, fossils and other items relating to geology. Additional information may be found on the division's website, [http://www.heard.missouri.edu](http://www.heard.missouri.edu).
Hug a geologist; it’s geologic map day

Above is a portion of the geologic map of the Lodge Grass 39 x 69 Quadrangle, Montana, 2009. Montana Bureau of Mines and Geology (Dewey), Vol. 50. Geologic maps show the distribution, age, and deformation of rock units and loose materials through lines, colors, patterns, and symbols on a topographic base.
Garden Park area to celebration National Fossil Day in earnest
Bureau of Mines hosts geological field trip
by Mike Woltersbeek
University of Nevada, Reno

The University of Nevada’s Bureau of Mines and Geology is hosting its 15th annual Earth Science Week Field trip as part of a national celebration of earth sciences.

This year’s event, titled “Tuff All Over: Exploring Faulted Volcanic Terrain in the Painted Hills, Virginia Mountains, West of Pyramid Lake,” will be led by University geologists D.D. LaPenna, Jim Price, Jim Paulds, Craig dePolo and David Davis. The all-day trip will take place on Oct. 20 or 21. Those who wish to attend can sign up for either day.

Participants will see how geologists discover the history of an area using geologic maps, view the hazards of an earthquake from indications of recent faulting and access the potential for mineral resources. Individuals will also have the chance to collect many different types of...
Falls of the Ohio hosts Earth Discovery Day Saturday

Falls of the Ohio State Park's Earth Discovery Day on Oct. 13 will highlight the geologic wonders of the property through activities and programs.

The event runs from 9:30 a.m. to 5:30 p.m. and coincides with Earth Science Awareness Week and National Fossil Day.

Visitors can experience a 5.5- to 5.6-magnitude earthquake in the Indiana Geological Survey's Quake Cottage, take a guided tour of the park's fossil bed, dig for fossils and minerals in the park's collecting piles, learn about geology degrees from Indiana University, University of Kentucky and University of Cincinnati, participate in children's crafts with a geological theme, and more.

All activities are free; with admission to the Interpretive Center. Admission costs $2 for ages 2-18 or $5 for ages 19 and older, or free with an annual Indiana State Parks & Reserves entrance pass. Learn more at FallsOfTheOhio.org/special_events.html.

Falls of the Ohio State Park is at 201 W. Riverside Dr. Clarksville, 47129.
Wednesday, September 26, 2012 — Here’s What’s Happening at Discovery Place October 2012 Events & Activities

All Museum events and activities are free with admission unless otherwise noted. For more information on exhibits, movies or special events, call 704.972.6264 or visit discoveryplace.org.

EXHIBITIONS

Birth of Coffee — NEW! One of the most popular beverages in the world and a morning staple for many, coffee is a drink that transcends countries and culture. This photographic exhibition, based on a book of words and images, focuses on the people worldwide who grow and produce coffee. The project’s images and prose capture the global stories of the farms and often difficult growing process, illuminating the extraordinary science and the human experiences behind the daily cup of coffee. Through January 7. In partnership with SCD Coffees.

Fossil Day — October 19

Discover the secrets behind the preserved remains of animals, plants, and other organisms from the past while celebrating National Fossil Day. Including the Museum’s own extensive fossil collection. Find out what a living fossil is, excavate your own fossil and make one to take home. All Day.

Explore More Collections Lab — Nature means some of the most vibrant lives on the planet. Immerse yourself in a world of color, with an all-new display of Museum collections and discover the many ways color is found in nature. Many international cultures have even used natural dyes and dyes to create colorful art based on environmental observations. Test your ability to decipher nature’s colors at a special mystery station by studying the patterns of natural objects as they appear in black and white photographs.

Special Activity: During the month of October stop in to discover the biome and things that go bump in the night. Get a special peak at some of the Creepiest, ookiest critters including spiders, millipedes, cockroaches, beetles and tarantulas. Daily throughout October, 10:00 a.m. - 2:00 p.m.

KidScience — KidScience is Discovery Place’s early childhood exhibition where young children, ages 0-7, and their caregivers learn about science and math as they discover, create and play together. October’s theme is Alphabet Science. Learn the letter of the week and explore science activities from A to Z. Monday–Friday, 11:30 a.m.–noon.
Illinois State Museum celebrates National Fossil Day

By Staff reports
GateHouse News Service
Posted Oct. 15, 2018 @ 9:15 PM

By Staff reports
GateHouse News Service
Posted Oct. 15, 2018 @ 9:15 PM

Illinois State Museum, 502 S. Spring St., will celebrate National Fossil Day starting at 9:30 a.m. Wednesday, Oct. 17.

Dr. Chris Ridge will remove mastodon jaws from the "bone bin" in the Changes exhibit and measure them as part of his ongoing research about how these animals went extinct. The event will allow visitors to see mastodon jaws and other fossils up close and interview Dr. Ridge about his research. He will be in the Changes exhibit from 9:30 to 11:30 a.m., and from 2 to 5 p.m.

In addition to observing Dr. Ridge’s work, visitors can see internationally acclaimed fossils from the Museum’s collections and interact with docents in the Changes exhibition and examine fossils under the videomicroscope in the Play Museum.

For more information, call 779-778-1 or visit museum.state.il.us.
KU museum lists fall programs
Natural History Museum to extend hours Thursdays

By The Capital-Journal

LAWRENCE — The KU Natural History Museum is extending its hours on Thursdays and offering a slate of new programs for families and University of Kansas students this fall, according to a news release.

The museum, 1345 Jayhawk Blvd., has more than a dozen events scheduled during the fall semester, beginning with a behind-the-scenes tour of the herpetology collection at 4 p.m. Sunday. Preregistration for the tour is required by 5 p.m. Friday.

Now this year are Science Saturdays, a monthly family drop-in event with hands-on activities. The first such Science Saturday on Oct. 13 will commemorate National Fossil Day with fossil-casting activities, displays of specimens, tours of the vertebrate paleontology laboratory and information about volunteer opportunities in the lab.

Other Science Saturday themes focus on insects and body science.

To kick off extended hours on Thursdays, when the museum will be open until 8 p.m., the museum will offer an event for KU students called "Busty Science" on Sept. 13. The event, co-sponsored by the KU Peer Health Educators, includes activities, games, chocolate desserts and coffee.

Also scheduled are off-campus activities for adults, such as the Science on Tap series of science and
National Fossil Day

Quick Take
Dig for fossils and learn more about them at this event on the National Mall outside of the Natural History Museum.

The Buzz
RATING
2 reviews

Have Some Fall Fun in the Neighborhood this Weekend

Here are some suggestions for getting out and enjoying this beautiful fall weekend.

**GO FOR A RUN**

Join the fight against cancer and go for a run in the **Winfrey Van the Run 5k**, which winds through the Druid Hills community and parts of the Emory campus. Former Georgia Bulldogs Coach Vince Dooley will be serving as Grand Marshal.

Online registration has closed, but you can sign up at the race starting area starting at 6:30 a.m. The race starts at 8:00 a.m. and the Tot Trot for kids 7 and under starts at 9:15 a.m.

**TAKE YOUR KIDS TO NATIONAL FOSSIL DAY**

**Fernbank Science Center** is celebrating **National Fossil Day** starting at noon Saturday. The free event features a local fossil hunter who has loaned his triceratops fossils for the event and will be on hand to answer questions. The day will also include children’s games and prizes.
Earthquake Highlights Maine Earth Science Day

by Rob Painsteler - October 17th, 2012 08:32pm - Read more Local News

Augusta - About a thousand kids from all over Maine descended on the Maine State Museum for Maine Earth Science Day.
Grab shovels: Wednesday is National Fossil Day on the D.C. Mall

October 12, 2011 - 04:00 AM

By John Hellick (Twitter @Arricalla)
October 15, 2012 12:09 pm

JODY ELLIOTT

CEDAR FALLS — On Sept. 30 a member of our family lost my debit card at the Cedar Falls Walmart. A couple hours later I called my bank to void my card. It was such a relief to find out that whoever had found my card had already notified the bank to cancel it. It warms my heart to realize there are still great honest people in our city. Thank you to the person who did that for me.

DARICE MANGIN and PHIL WESTENBERGER

WATERLOO — The 13th annual Scott Thompson Memorial Golf Tournament to Benefit the Leukemia and Lymphoma Society (Iowa Chapter) wishes to thank everyone in the community who donated their time, put event prizes and funding for this year’s tournament. This year we raised $2,400 for the Leukemia Society.

SHERMAN LUNDY

Geologist, BMC Aggregates

The Earth Science Week Committee would like to thank all of the Youth Groups and everyone who attended the Sunday at the Quarry Program at BMC Aggregates’ Morgan Quarry on October 7th. Over 800 visitors came to the Sunday at the Quarry Program and enjoyed a wide variety of Earth Science Activities. We would also like to thank all of the program presenters including Phil Schupfer from the City of Waterloo, Ashley Kittle from Black Hawk County Soil and Water District, Black Hawk Geo and Mineral Club, Iowa Geological Survey, and special thanks to UNI Earth Science Staff, Jim Walters, Global Morgan, Kyle Gray, Steve Smith, Chad Hiemel, and students Cody Minnicks, Anthony Brockett, Steph Hagan, Larry Sherry, Alyssa Grant, Liz Wilder along with lilian Meitnik from Holness Jr. High. Great experience and Great Activities.
Yuma News Now

NASA Online Science Resource Available for Educators and Students

Details
Published on Saturday, 27 October 2012 18:13
Written by Yuma News Now
Washington, DC - NASA has a new online science resource for teachers and students to help bring Earth, the solar system, and the universe into their schools and homes.

Called NASA Wavelength, the site features hundreds of resources organized by topic and audience level from elementary to college, and extra-curricular programs that span the extent of NASA science. Educators at all levels can locate educational resources through information on educational standards, subjects and keywords and other relevant details, such as learning time required to carry out a lesson or an activity, cost of materials and more.

"NASA Wavelength not only lets users find nearly everything they want to know about NASA science, but it also allows them to provide direct feedback to NASA to enhance our product," said Stephanie Stockman, education lead for NASA's Science Mission Directorate (SMD) in Washington. "This is a living, digital library of resources that will allow educators to find and share the best of NASA science education resources to advance their teaching."

NASA's SMD funds a nationwide community of education and outreach professionals that develop and deliver resources for all levels of formal and informal education and public outreach activities using NASA content, expertise and facilities.

NASA Wavelength features peer-reviewed resources developed by this community, including award-winning curriculum tools, activities that allow students and teachers to learn about and participate in NASA missions, exhibits and planetarium shows and more.

The site offers an innovative way to keep up with the latest developments in Earth and space science education. Users will be able to receive email updates on new content, and share the latest information through social media and email.

Through featured selections highlighted on the homepage, educators can identify resources relevant to specific themes and current events, such as Mars-related activities and lessons for educators interested in teaching about NASA's Curiosity rover or using Earth science resources to celebrate Earth Science Week all year.

The Space Sciences Laboratory and Lawrence Hall of Science at the University of California, Berkeley, the Institute for Global Environmental Strategies, and the Adler Planetarium worked with educators across the country to define, test and launch NASA Wavelength. Scientists and educators who comprise SMD's education and public outreach community coordinate the continued development and upkeep of the site.

"This site further demonstrates NASA's commitment to share our science with everyone," Stockman said.