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Atmospheric Radiation Measurement (ARM) Climate Research Facility

Aussiepythons.com

Australian Science Communicators

Barbecue Blog

Bigfatprize.com

Boston.com

Brittgow.globalteacher.org

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The Globe Program

The National Science Digital Library

Through the Sandglass Blog

Treehugger.com

Uncovered Earth Blog USAScienceFestival.org

USGS Energy Education

USGS Energy Program Twitter

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University of Puerto Rico at Mayagüez Flyer

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WGNS Radio News

WWJ 950 Newsradio

Yale Daily News

Yubanet.com News

January 8, 2010 http://www.agiweb.org/outreach/index.html



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Contact: Geoff Camphire

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FOR IMMEDIATE RELEASE January 8, 2010

Exploring Energy - The 2010 Earth Science Week Theme

Alexandria, VA – The American Geological Institute (AGI) is pleased to announce the theme of Earth Science Week 2010: "Exploring Energy."

"Exploring Energy" will engage young people and the public in learning about Earth's energy resources. It will emphasize the important role earth scientists play in expanding our understanding of the complex interactions of energy resources with earth systems— the planet's atmosphere, hydrosphere, geosphere, and biosphere.

ESW 2010 materials will highlight the many important energy resource questions earth scientists explore: Where do energy resources come from? How are they found and harnessed? How has energy use changed over time? What is the importance of renewable energy? What does science tell us about timely issues such as conservation and public safety? Where are the energy careers of the future likely to be?

"Energy is a topic that always generates electricity in education," says Ann E. Benbow, Ph.D., AGI's Director of Education and Outreach. "Students and teachers are used to hearing about energy crises in the news media. We all understand the vital role that energy plays in our lives. That's why we're taking the opportunity during Earth Science Week 2010 to explore energy as a subject of scientific inquiry."

AGI leads Earth Science Week annually in cooperation with its sponsors and the geosciences 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, the US Department of Energy, NASA, the National Park Service, Exxon Mobil, and ESRI.

ESW 2010 will be celebrated October 10-16. To learn more about this week, ways to become involved; including newsletters, local events, and classroom activities, please go to the Earth Science Week website at http://www.earthsciweek.org.

The American Geological Institute is a nonprofit federation of 46 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

June 2, 2010 http://www.agiweb.org/outreach/index.html



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FOR IMMEDIATE RELEASE June 2, 2010

Earth Science Week 2010 "Exploring Energy" Contest Themes Announced

Alexandria, VA – The American Geological institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2010, celebrating the theme of "Exploring Energy," October 10-16.

Students, scientists and the general public are encouraged to enter this year's Earth Science Week photography contest, "We Depend on Energy." Entrants should submit images that capture the way energy is used in their communities.

Students in grades K-5 are eligible to enter the visual arts contest, "Energy on Earth." Two-dimensional original pieces of art should depict answers to questions such as, where does energy come from, or how do people find and study energy resources? Entries should illustrate, in creative and engaging ways, where energy comes from and how it is used.

The essay contest, "How Energy Powers the Planet," is open to students in grades 6-9. One-page essays should focus on how Earth system processes develop energy resources, how human use of energy affects the Earth system, and how people can be responsible stewards of Earth's energy resources.

For more information on these contests including guidelines, deadlines and how to submit your entry, please visit http://www.earthsciweek.org/contests/.

Earth Science Week is organized annually by AGI with support from the U.S. Geological Survey, NASA, National Park Service, ExxonMobil and the American Association of Petroleum Geologists Foundation, among others. To learn more about Earth Science Week, please go to http://www.earthsciweek.org.

The American Geological Institute is a nonprofit federation of 47 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

August 17, 2010 http://www.agiweb.org/outreach/index.html



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FOR IMMEDIATE RELEASE August 17, 2010

2010 Earth Science Week Toolkits Now Available

Alexandria, VA – The Earth Science Week 2010 Toolkit offers students, educators, and the public a wealth of educational materials focusing on the theme of Earth Science Week 2010 (October 10-16): "Exploring Energy." The latest edition of this educational resource is now available through the American Geological Institute (AGI).

This year's Earth Science Week Toolkit contains a theme-related 12-month activity calendar and classroom poster provided by AGI. Along with these traditional Earth Science Week publications, the Toolkit features a variety of educational resources on all forms of energy from AGI member societies, the U.S. Geological Survey (USGS), NASA, the U.S. Department of Energy, the National Academies, ExxonMobil, and many other organizations.

NASA has provided a "Tour of the Electromagnetic Spectrum" DVD with a link to companion resources. The National Park Service has created a poster highlighting the first National Fossil Day to be held in conjunction with Earth Science Week. The National Academies provided a "What You Need to Know About Energy" booklet, while ExxonMobil produced "Outlook for Energy: A View to 2030" to educate the public about energy resources and demand. Learn about biofuels with information supplied by the Soil Science Society of America, and use NASA and NOAA data to complete activities provided by GLOBE. Each two-pound Toolkit also contains bookmarks, information on contests, special promotions, a Rite in the Rain mini-notebook, and much more!

Earth Science Week is an annual event held the second week of October to promote understanding and appreciation of the earth sciences. It is organized by AGI with support from a number of other geoscience organizations including the USGS, the AAPG Foundation, the U.S. Department of Energy, NASA, the National Park Service, Exxon Mobil, and ESRI.

To learn more about this event and to order the 2010 Toolkit, visit http://www.earthsciweek.org/. The American Geological Institute is a nonprofit federation of 47 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

September 14, 2010 http://www.agiweb.org/outreach/index.html



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FOR IMMEDIATE RELEASE September 14, 2010 Contact: Geoff Camphire gac@agiweb.org

New Earth Science Week Toolkit Offers Education Resources in Spanish and English

Alexandria, VA – The SEED Earth Science Week Online Toolkit, a partnership of Schlumberger Excellence in Educational Development (SEED) and the American Geological Institute (AGI), is being launched today to provide earth science education resources in both Spanish and English.

The Web site (http://www.earthsciweek.org/seed/) has been created to provide educational materials, activities, and other resources for Spanish-speaking students and teachers, as well as English speakers, in U.S. and SEED schools around the world. The educational resources featured on the site have been developed by SEED, AGI, and other geoscience organizations and agencies.

Visitors can view dozens of lessons, posters, fact sheets and other materials in Spanish or English. Materials provide users with introductory information on earth science, as well as in-depth items on earth, water, air, and life science.

This introductory effort represents a first step in a process of expanding the reach of Earth Science Week (http://www.earthsciweek.org/) to a wider geoscience education community. Each October, AGI's Earth Science Week program promotes awareness of the importance of the geosciences and stewardship of the planet. Earth Science Week 2010 (October 10-16) will celebrate the theme of "Exploring Energy."

SEED is a volunteer-based, nonprofit education program focused on underserved communities where Schlumberger people live and work. SEED empowers employee-volunteers and educators -- including teachers, parents and other mentors -- to share their passion for learning and science with students aged 10-18. The SEED learning-while-doing (LWD) methodology draws on the technology and science expertise of our volunteers to engage students in global issues, such as water, energy and climate change. More information can be obtained on the SEED Web site, at http://www.seed.slb.com/.

AGI is a nonprofit federation of 47 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

October 1, 2010 http://www.agiweb.org/outreach/index.html



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FOR IMMEDIATE RELEASE October 1, 2010 Contact: Gooff Camphire gao@agiwcb.org

First National Fossil Day to be Held During Earth Science Week 2010

Alexandria, VA - The American Geological Institute (AGI) and the National Park Service (NPS) are collaborating to hold the first annual National Fossil Day - October 13, 2010 - during Earth Science Week (October 10-16).

Join paleontologists, educators, and students in fossil-related events and activities across the country in parks, classrooms, and online thiring National Possil Day. NPS has developed resources and activities to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. Visit the NPS National Possil day site at http://nature.nps.gov/geology/nationalfossilday/ for standards-based lesson plans, fossil trading cards, videos, a virtual museum exhibit featuring dinosaurs, and more. Fossil-themed activities are also available in the Earth Science Weck 2010 toolkit available at http://www.earthsciweek.org/materials/index.html.

The National Park Service is sponsoring a National Fossil Day Art Contest. Entries should address the theme "Paleontology: Preserving the Past for Our Future." This contest is open to any U.S. resident age five or older. Entries are due October 5, 2010. See complete contest guidelines at http://nature.nps.gov/geology/nationalfossilday/.

In addition to online rescurces, local events, and contests, NPS and the Smithsonian Museum of Natural History will hold 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 13, 2010. 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, listen to Fossil Talks, and hunt for your own fossils. For more information on the kick-off event, visit http://www.nature.nps.gov/geology/nationalfossilday/naturallevent.cfm.

AGI coordinates Barth 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, the U.S. Department of Energy, NASA, the National Park Service, ExxonMobil, and ESRI.

To learn more about Earth Science Week and National Fossil Day, go to http://www.earthsciweek.org/.

The American Geological Institute is a nonprofit federation of 47 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, sorves 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, resiliancy to natural hexards, and interaction with the environment.

Harvard Museum of Natural History Press Release

http://www.hmnh.harvard.edu/press-room/national-fossil-day-and-earth-science-week-at-harvard-museum-of-natural-history.html



http://www.hmnh.harvard.edu/press-room/national-fossil-day-and-earth-science-week-at-harvard-museum-of-natural-history.html (1 of 3) [10/5/2010 9:02:23 AM]

Kansas Geological Survey (KGS) News Release

http://www.kgs.ku.edu/General/News/2010/esw_kits.html



News Release, Kansas Geological Survey, Oct. 7, 2010

KGS Announces Release of 2010 Earth Science Week Toolkits

The Kansas Geological Survey (KGS), in cooperation with the American Geological Institute (AGI), is supporting Earth Science Week activities on October 10-16, 2010, by making available Earth Science Week activities and programs

The Earth Science Week Toolbit contains information and resources for K-12 and university students and the public. Each toolbit includes a "Rite in the Rain" field notebook, USGS energy budget educational materials, and NASA Toor of the Electromagnetic Spectrum DVD, a GLOBE Program data and imagery analysis project, ESEI coline GIS earth science education materials, and wall posters, educational bandouts and classroom activities based on National Science Education Standards. Additional resources and activities that complement the toolets are available at the Earth Science Week website:

| http://www.earth/givenel.org.

Earth Science Week is an annual event organized by AGI to help the public gain a better understanding and appreciation of the Earth sciences and to encourage stewardship of the Earth. The theme of Earth Science Week 2010 is "Exploring Energy" and will promote scientific understanding of the Earth's energy budget and resources and burnan energy uses.

Link of interest to this article: American Geological Institute's <u>Harth Science Week</u> website

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

Kansas Geological Survey, Public Outreach

Missouri Department of Natural Resources News Release

http://www.dnr.mo.gov/newsrel/nr10-620.htm



News Release 620

Geology careers explored at Missouri Department of Natural Resources in Rolla

Volume 38-620 (For Immediate Release) For more information: 573-751-1010

ROLLA, OCT. 26, 2010 – What do Mark Twain, St. Patrick, wildcats and the month of October have in common? Not much, if anything. However, the Missouri Department of Natural Resources' Division of Geology and Land Survey recently brought together Rolla fifth grade students from St. Patrick Catholic School and second grade students from Mark Twain Elementary School along with freshmen from nearby Licking High School (whose mascot is the powerful wildcat) to learn about earth science, careers in geology, and ways to protect our environment.

October is always a busy month for DNR in Rolla, because for many years, that is when the department has celebrated Earth science education. Topics front and center were rocks, minerals, fossils, water protection, household hazardous waste, industrial minerals, earthquakes, sinkholes, and related environmental issues.

Students from Mrs. Block's fifth grade class at St. Patrick Catholic School received a visit from Joe Gillman, state geologist and the Department's Geology and Land Survey Division director. The students celebrated Earth Science Week (October 10-16) with Gillman who encouraged everyone to discover the Earth sciences and engage in responsible stewardship of our precious natural resources. Gillman and staff participate each year with school children to bring awareness to the fact that earth sciences are fundamental to the health, safety and welfare of all Missourians.

Gillman said, "This year, along with many other partners across the nation, we participated in the First Annual National Fossil Day Wednesday, Oct. 13, by highlighting the fossil collection in our Ed Clark Museum of Missouri Geology. As a special treat that day, visitors to our museum received a crinoid stem fossil. The crinoid is the official state fossil."

One hundred second grade students from Rolla's Mark Twain Elementary visited the museum during Earth Science Week to learn about rocks, minerals and fossils. While onsite, they also learned about handling and disposal of household hazardous waste, illegal dumping and ways they can protect the environment.

Jeanne Goggins, teacher and coordinator for the field trip said, "Our field trip to the Department of Nat. Resources was a wonderful experience for second graders. Students learned about some of our local resources in a fun environment. All students had the opportunity to experience the museum, choose a rock, and win trading cards about Missouri. It was a great way to reinforce skills taught in second grade science lessons."

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Department of Natural Resources P.O. Box 176 Jefferson City, MO 65102 800-361-4827 573-751-3443 E-mail: contact@dnr.mo.gov

Contact

Ohio Department of Natural Resources' News Release

http://ohiodnr.com/home_page/NewsReleases/tabid/18276/EntryId/1923/Ohioans-Encouraged-to-Celebrate-Earth-Science-Week-in-Ohio.aspx

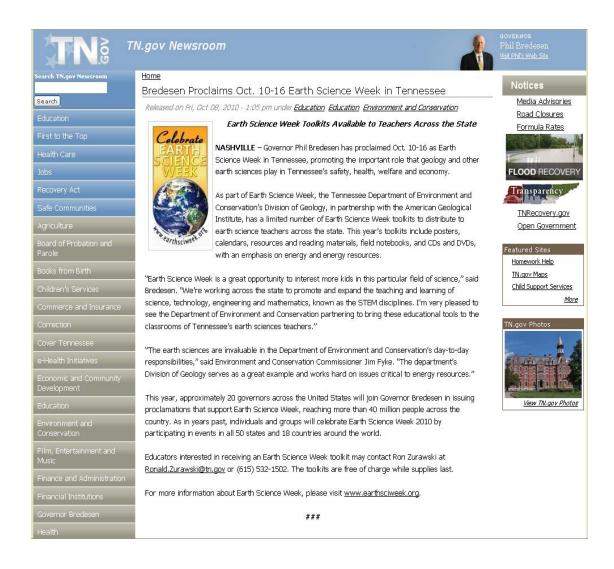


Ohio Department of Natural Resources - News Releases



Tennessee News Release

http://news.tennesseeanytime.org/node/6119



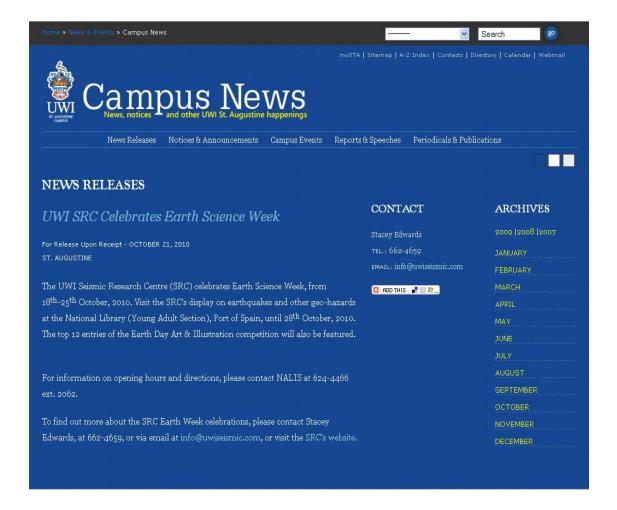
University of Nevada, Reno News Release

http://newsroom.unr.edu/2010/09/28/university-of-nevada-reno-celebrates-earth-science-week-with-free-field-trip-oct-16-and-17/



University of the West Indies Campus News Release

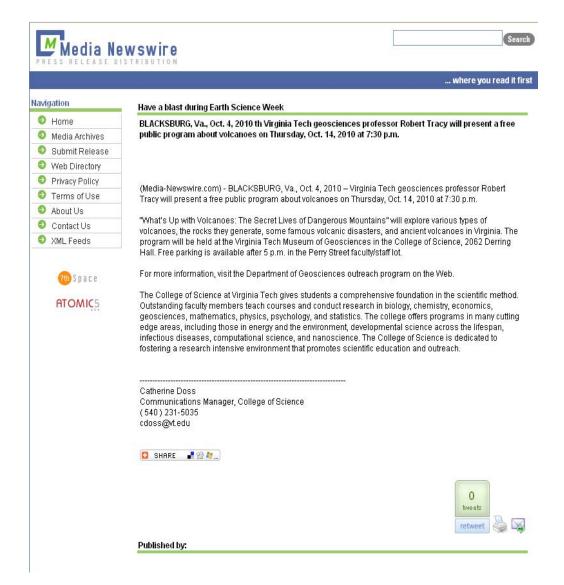
At St. Augustine, Trinidad and Tobago https://sta.uwi.edu/news/releases/release.asp?id=704



Virginia Tech Department of Geosciences News Release on Media-Newswire.com

October 4, 2010

http://media-newswire.com/release_1128813.html



Alaska Natural Resource & Outdoor Education (ANROE) Electronic Newsletter http://anroe.wordpress.com/2010/08/11/anroe-electronic-newsletter-august-11-2010/

Opportunities for Students	
14. Application deadline: October 15, 2010- Earth Science Week Contests	
15. Application deadline: October 15, 2010- The National Geographic Bee	

Association of Science-Technology Centers (ASTC) Dimensions

July/August 2010

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instructional strategies to engage all students in science. On the fourth visit, the educators are joined by a "Person of Science," a trained volunteer who uses science in his or her work. Corresponding teacher professional development is designed to build pedagogical expertise and content knowledge of electricity and magnetism (the focus of the museum's collections and exhibits). By bringing the program directly into the schools, we're able to provide 400 classroom visits per year-far more than we could accommodate in the historic mansion that houses our museum.

Perhaps our biggest challenges were investing the time necessary to develop authentic collaborations and building our capacity for program evaluation. Fortunately, major funding from the Bush Foundation allowed us to hire a consultant to help us do just these things. Also, the school district committed the time, expertise, and advocacy necessary to develop shared vision and support program implementation.

Program evaluation shows promising results. For example, in 2009, 87 percent of participating students reported an increased enjoyment of science, an increased willingness to try new things in science class, an awareness of more people in their lives who like science, and a belief that science can be used to help people. In addition, evidence suggests that teachers' Science Assets increase along with participation in the program. We're now in the process of applying the focus and instructional practices of the Science Assets model to other Bakken programs and partnerships.

Beth Murphy is director of special projects and Kelly Finnerty is deputy director for programs at the Bakken Museum in Minneapolis, Minnesota. The Bakken received ASTC's 2009 Roy L. Shafer Leading Edge Award for Visitor Experience (Small Institution) for its Science Assets—Based School Partnership Program. Murphy will present a poster about the program with colleague Nuthan Meyer at the 2010 ASTC Annual Conference in Honolulu, October 2–5.



Participants in the Orpheum Girls Do Science Club learn about veterinary sciences. Photo courtesy Copper Creek Photography

Meaningful Programming with Local Resources

By Sonya Darter and Meadow Jones

oused in a historic theater, the Orpheum Children's Science Museum (twww.orpheumkids.com) in Champaign, Illinois, has just 1,830 square feet of interior exhibit space, but annually engages over 16,000 visitors and 8,500 people through outreach programs. There are logistical challenges to pursuing a robust agenda in a finite space. To succeed, the Orpheum continually balances staffing, space, and budget limitations with community needs. We draw upon local resources and engage in diverse collaborations to meet these challenges and deliver meaningful, relevant programs to our community.

One particular example is the Orpheum Girls Do Science Club, founded in 2006. This program serves a community need by providing local girls, ages 7 to 10, with access to female scientists as

role models. The club is designed to serve groups of just 10 girls, making it possible to address individual needs and interests. By collaborating with partners from the nearby University of Illinois at Urbana-Champaign, we maximize our impact as we share program costs, expand the capabilities of our small staff, and benefit from our partners' expert scientific knowledge and rich educational resources. In one recent activity, the girls took advantage of the university's resources by studying insects with university entomologist May Berenbaum, touring the Pollinatarium (the university's science center devoted to plants and pollinators), and attending the university-sponsored Insect Fear Film Festival. Our staff also benefits from the collaboration through opportunities to expand their own scientific knowledge.

Always striving to stay current and connected, the Orpheum draws upon local resources to excite children about science. We view every small learning moment as an opportunity to create a big impact.

Sonya Darter is executive director at the Orpheum Children's Science Museum, Champaign, Illinois. She can be contacted at sonya@orpheumkids.com. Meadow Jones, the Orpheum's former education director, is a graduate student in library and information science at the University of Illinois at Urbana-Champaign.

Calendar

JULY

21–23 Big Event 2010. "Parallel Worlds." Centre for Life and CultureLab, Newcastle upon Tyne, United Kingdom. Details: www.big.uk.com/bigevent

29–31 Visitor Studies Association 23rd Annual Conference. "Building Shared Agendas." Phoenix, Arizona. Details: www.visitorstudies.org/index. php?page=conference

SEPTEMBER

11-16 AZA Annual Conference.

Hosted by the Houston Zoo, Texas. Details: www.aza.org/annualconference

20–25 23rd Annual Theatre in Museums Workshop. Hosted by the Children's Museum of Indianapolis. *Details:* Patricia Daily, 317/334-3819, patricia@childrensmuseum.org

25-27 Giant Screen Cinema Assn.
International Conference and
Trade Show. Hosted by the
Tennessee Aquarium and IMAX 3D
Theater, Chattanooga. Details:
www.giantscreencinema.com

OCTOBER

2-5 2010 ASTC Annual Conference.

"Hoʻokele—To Navigate: Science Centers as Wayfinders to New Horizons." Hosted by the Bishop Museum, Honolulu. *Details:* www.astc.org/conference

10–16 Earth Science Week 2010. "Exploring Energy." Details: www.carthsciweek.org

Association of Science-Technology Centers (ASTC) Dimensions

September/October 2010

September/October 2010 • ASTC Dimensions

while a second diorama illustrates a high-biosecurity situation with a properly maintained poultry cage. Snakes and Ladders game: Two to six children can play this classic game by rolling large foam dice, answering questions about AI and its prevention, and stepping across a giant game board on the floor. The first player to reach the final box is the winner.

· Touch-screen interactive computer games: Cells Alive Interactive allows visitors to compare microscopic objects, teaching them that the AI virus is too small to see and that washing their hands with soap and water is an effective means of prevention. Indonesian Vision encourages players to make their own informational posters or play quiz games. · Cartoon film: The famous Indonesian television character Baiai Bajuri stars in a cartoon film about AI awareness, with funding from the United Nations Children's Fund (UNICEF), the People of Japan, and Indonesia's National Commission for AI Control and Pandemic Influenza Preparedness (KOMNAS FBPI). This familiar character attracts visitors' attention and makes them feel comfortable

Trainings and workshops

During the development of Phase I, PP-IPTEK held various discussions, trainings, and workshops for our staff. For example, public health experts worked with PP-IPTEK staff and exhibition facilitators to increase their knowledge of AI and its prevention. Our staff also learned how to differentiate educational materials, interactive activities, and modes of science communication to make them suitable for different age groups.

In addition, we consulted on exhibition materials and design with experts in environmental sciences, biology, veterinary sciences, poultry farming, and interior design, as well as stakeholders involved in AI prevention nationally and internationally. We derived most of the data and resource materials for the exhibition from organizations such as UNICEF, the U.S. Agency for International Development-Community-Based Avian Influenza Control, the Australian Agency for International Development-Australian Centre for International Agricultural Research, GTZ-BAPS, KOMNAS FBPI, an Indonesian chicken farmers' association. Indonesian universities, and research and development organizations.

We also developed workshop mate-

rials, based on these staff trainings, to instruct teachers and students of varying ages about AI. These materials are already available for teachers to use in their classrooms, but teachers and primary students will also be able to attend workshops at PP-IPTEK starting in September 2010.

Lessons learned

Throughout this process, we have learned several valuable lessons. We learned that, although we came up with many creative and attractive ideas, it was essential to make them conform to our budget and time limitations. In addition, we found that it is important to cultivate effective communication and good teamwork, both within the organization and among partners, assigning different roles to people according to their strengths.

So far, we have received a positive response to our exhibition from both stakeholders and visitors. For example, KOMNAS FBPI has asked us to conduct the Snakes and Ladders Game at several of their meetings as a good example of an AI awareness program. Also, visitors asked PP-IPTEK to duplicate and distribute the exhibition's posters to schools and communities. In addition, our visitors and stakeholders suggested that we develop AI traveling exhibits for Phase II of the project. In this way, we can promote AI awareness to a wider audience while deepening our involvement with local communities. We are currently in the process of applying for funding for Phase II.

The early successes of this program have empowered PP-IPTEK to act as a change agent for societal behavior, providing information about AI and engaging the public in this topic.

Finarya Legoh, executive director of Pusat Peragaan Iptek-Science & Technology Centre of Indonesia (PP-IPTEK) in Jakarta, was ASTC's 2009 McGrath Fellow. This article is based upon her presentation at the Asia Pacific Network of Science and Technology Centres (ASPAC) Conference 2010.

Calendar

SEPTEMBER

11-16 AZA Annual Conference. Hosted by the Houston Zoo, Texas.

Details: www.aza.org/annualconference

20-25 23rd Annual Theatre in Museums Workshop. Hosted

with the material.

by the Children's Museum of Indianapolis. Details: Patricia Daily, 317/334-3819, patricia@ childrensmuseum.org

2010 ASTC Annual Conference.

"Hoʻokele—To Navigate: Science Centers as Wayfinders to New Horizons." Hosted by the Bishop Museum, Honolulu. Details: www.astc.org/conference

10-16 Earth Science Week 2010. Exploring Energy.

Details: www.earthsciweek.org

10-24 USA Science & Engineering Festival. (Expo on the Nation Mall, Washington, D.C.: October 23-24.) Details: www.usasciencefestival.com

NOVEMBER

7-12 2010 CIMUSET Conference. "Museums for Social Harmony Shanghai, China. Details:

www.cimuset.net

SEPTEMBER 2011

Sixth Science Centre World Congress. "Science Across Cultures." Cape Town, South Africa. *Details:* www.6scwc.org

Association for Women Geoscientists-Minnesota (AWG-MN) Newsletter

Fall 2010

http://www.awgmn.org/resources/AWGMN-10-2010.pdf



VOLUME 5

Geocaching-William O'Brien State Park President's Corner:

Geocaching...What is geocaching? According to the official geocaching website (www.geocaching. com) Geocaching is "a high-tech treasure hunting game played throughout the world by adventure seekers equipped with GPS (Global Positioning System) devices" where the "basic idea is to locate hidden containers, called geocaches

AWG Minnesota Chapter 2010 - 2011 Election Results

President: Jessica Hayson

Vice President: Michelle Sutherland

> Secretary: Sara Welna

Treasurer: Alicia Duncan

Editor: Beth Wenell

Student Representative: Stephanie Day

> Past President: Cheryl Sorensen

If you are interested in serving as an officer with the AWG Minnesota Chapter please contact us at awg mn@yahoo.com.

I wanted to take a minute to share a recap of all the activities we were able to fit in last year! It's been really fun to see and meet many of you through all of these local events and I look forward to seeing you again soon at some of our citing upcoming events planned for next year. atch for an updated calendar soon!

- Quarterly Newsletters distributed to AWG members with chapter updates quarterly
- Networking Breakfasts
 Earth Science Week October 10-16
- Women in the Geosciences Day October 14
 Science Fair Judging and Awards Winter and Spring 2010

 Minnesota Earth Sciences Teacher
- Association Conference February 2010
 Networking Event with FWEF March 2010
- AIPG/AWG Joint Luncheon April 2010
 Geopaolooza May 2010
 Lilydale Fossil Hunt June 2010

- Géocaching July 2010
- Family Fun Day/Picnic September 2010

e always welcome any suggestions or ideas om our members – we'd love to make this ganization all that it can be and to do that...we ed to hear from you

nail us at: awg_mn@yahoo.com with any

oking forward to a great 2010-2011 year in

Earth Science Week: October 10-16 Women in the Geosciences Day: Thursday, October 14th

Prepare for Second Annual Women in Geosciences Day

by Sara Welna

Please join the Association for Women Geoscientists (AWG), an AGI Member Society, in celebrating the second annual Women in the Geosciences Day -Thursday, Oct. 14 - during Earth Science Week 2010!

Women in the Geosciences Day offers you a chance to share the excitement and advantages of geoscience careers with women of all ages, especially those early in their education.

What can you do?

If you're an educator, invite a female geoscientist to speak in your classroom or institution. If you're a female geoscientist, visit a local school or volunteer at a science center. Organize a scout event for badges, lead a 4H field trip, or hold a special "Take Your Daughter to Work Day" focusing on the geoscience workplace. No matter who you are, you can help show young women what it means to be a geoscientist.

Watch for additional information and resources online in the coming months at Earth Science Week (www. earthsciweek.org) and AWG (www.awg.org). Have a great Women in the Geosciences Day!

Please join your fellow AWG-MN members at these upcoming events:

Got a super-duper textbook you'd like to swap out for that elusive copy of The Origin of Species? Come to the AWG-MN Book Swap to find your scientific literary treasure and network with local geoscientists! More details will be announced in the coming weeks, but the event will be held from 6:00 - 7:30 p.m. on Wednesday, October 27th at the Edina Public Library.

A holiday potluck and social night is tentatively scheduled for mid-December. Please contact the AWG-MN board at awg_mn@yahoo.com if you are interested in attending and/or volunteering for this event.

Buffalo Association of Professional Geologists (BAPG) Geogram

October 2010 Volume 23



BAPG GEOGRAM

October 2010

Volume 23 No. 10

Penn Dixie Paleontology Center Information—Fall Events

- October 2 the 6th Annual Pirate Fest will return to Penn Dixie with weapon demonstrations, a hay ride raided by
 the pirates, fossil collecting, the Pirate Tavern where Pirate Scouts will be selling "Scurvy Dogs" and drinks, a pirate
 store, and telescopes will scan the Penn Dixie Skies for the Royal Navy, planets, and constellations. The public is invited to this family fun-filled event, which begins at 4 PM and runs until 11 PM.
- The 13th WNY Earth Science Day, in conjunction with National Earth Science Week, will be held at the Penn Dixie Site on October 9, from 9 AM-3 PM, and is co-sponsored by the Buffalo Association of Professional Geologists & Penn Dixie. Earth scientists will have exhibits and demonstrations of various aspects of their professions; a drill rig will demonstrate rock coring and drilling operations; view sunspots and solar flares; collect fossils; and participate in a wide variety of other activities. Girl Scout badge program, call 627-4560 for registration information.
- Oct.16, 2010, Saturday, 6PM Astronomy Night at Penn Dixie site. Telescopes will focus on a just past 1st Quarter Moon, Jupiter and Uranus in the east. Famous Double Star cluster in Perseus, E. T. star cluster NGC 457 in the W of Cassiopeia, and star cluster M15 in Pegasus. No pre-registrations required. \$2/person.
- October 23-24, 2010 Penn Dixie exhibit at the Rochester Gem and Mineral show at the Dome off Thruway Exit
 46.
- The 15th Annual HNHS/Penn Dixie Fundraiser will be held on Wednesday, November 3, 2010, at Romanello's South Restaurant in Hamburg, NY. Penn Dixie will be raffling four box tickets to the November 26 Sabres-Toronto Maples Leafs Game (donated by Zoladz Construction Services) and one \$200 hundred Gas card (donated by Gary Madrzykowski of Toledo, OH), and some auction items include Buffalo Bills tickets, additional Buffalo Sabres tickets, Syracuse Basketball tickets, gift baskets, restaurant gift certificates, art work, and a variety of other items. Pre-sale tickets are \$20 and \$25 at the door. If you would like to donate an item for the voice or silent auctions, need information, please call (716) 627-4560 or email bpendix@gmail.com. Your support will help continue the programs, events, development and operations of the Penn Dixie Site in Hamburg, NY. Visit www.penndixie.org or call (716) 627-4560 for directions & information on Astronomy Nights to be held on September 18 and October 16, birthday parties, school & group visits, and public hours.

Hands on the Land Newsletter

Spring 2010 www.handsontheland.org

> www.handsontheland.org Spring 2010 HANDS ON THE LAND PAGE TWO

POLINATORLIVE - A DISTANCE LEARNING ADVENTURE



PollinatorLIVE is continuing last year's distance learning adventure that focused on monarch butterfiles. This year's free distance learning adventure will feature pollinators, citizen science projects, and gardening. In addition, Pollinstor LIVE will keep you up-to-date with the latest about monarch butterflies.

Join students and researchers for a series of live interactive web casts, web seminars, and satellite field trips about pollinators, gardening, and conservation. The website features resources that meet National Science Education Standards for the classroom. PollinaturLIVE is geared toward students in grades 4 - 8, but there are lesson plans and activities of interest to teachers and students in earlier and later grade levels.

More informations http://polimatorlive.pwnet.org

CURRICULUM HIGHLIGHTS



developed by Alaska teachers, provides high-quality units for use by teachers and homoschoolers, as well as interpreters, youth groups, nature tour guides, and anyone seeking faccinating content on marine science topics. The units for gordes K-8 are complete and ready to use. The curriculum meets Alaska science content standards and grade level expectations.

More information: http://seagrant.uaf.edu/marine-ed/ curriculum/



For Earth Science Week, the American Geological Institute (AGI) has created a comprehensive portfolio of Genscier ation Products and Services for students and teachers-from kindergraten to high school and beyond.

More information: http://www.earthsdweek.org/forteachers/

Partners in Resource Education

Partners in Resource Education (PRE) is a collaboration of Federal agencies, a nonprofit foundation, schools and other private sector partners. PRE sponsors Hands on the Land (HOL). Through IIOL, Federal agencies are providing a diverse array of hands-on learning opportunities for teachers and students on public lands and waterways. The program is being expanded to state and local lands.

More information: http://www.classroomearth.org/ resources/pre

UPCOMING EVENTS

USA Science & Engineering Festival Washington, D.C. October 10-24, 2010 Expo on the National Mail: October 23 & 24

The Inaugural USA Science & Engineering Festival will be the country's first national acience fastival and will descend on the Washington, D.C. area in the Fall of 2010.

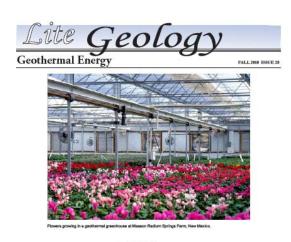
The Festival promises to be the ultimate multi-cultural, multi-generational and multidisciplinary celebration of science in the United States. The culmination of the Festival will be a two-day Expo in the nation's capital that will give over SOI science & engineering organizations from all over the United States the opportunity to present themselves with a hands-on, fun science activity to inspire the next generation of scientists and engineers.



Earth Science Week 2010 Exploring Energy October 10-16, 2010

Earth Science Week 2010 will encourage people everywhere to explore the natural world and learn about the geosciences. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community.

Lite Geology Fall 2010 Issue 24



In This Issue ...



UPCOMING EVENTS FOR TEACHERS AND THE PUBLIC

National Earth Science Week october 10–16, 2010

The American Geological Institute (AGI) invites you to take part in Earth Science Week 2010! Earth Science Week will encourage people everywhere to explore the natural world and learn about the geosciences. "Exploring Energy," the theme of Earth Science Week 2010, will engage young people and the public in learning about Earth's energy resources. Earth Science Week planning toolkits and ideas about how to hold your own celebration are available from the Earth Science Week Web site:

http://www.earthsciweek.org/

New Mexico Teachers: Please visit our Web site to download a Power Point presentation titled New Mexico Energy Resources by New Mexico's State Geologist, Dr. Peter Scholle. This presentation for use in your classroom illustrates the

NEW MEXICO BUREAU OF GEOLOGY & MINERAL RESOURCES

Oregon Science Teacher Update Newsletter

Update #20 February 2010

11. Energy Lab Program Open to Schools

American high schools and middle schools are now eligible to participate in the U.S. Department of Energy's Energy-Related Laboratory Equipment (ERLE) program. For over 30 years, this program has enabled colleges and universities to acquire hundreds of millions of dollars in high-quality surplus laboratory equipment from the department's National Laboratories.

The federal agency, an active Earth Science Week partner, invites schools to acquire equipment by reviewing the available equipment list at the ERLE website and completing an electronic application form. This new opportunity dovetails with the recent announcement of Earth Science Week 2010's theme: "Exploring Energy."

Oregon Science Teacher Update Newsletter

Update #23 August/September 2010

19. Kick Off the Fun on International EarthCache Day

Earth Science Week begins again this year with International EarthCache Day on Sunday, Oct. 10, 2010. Whether you're a teacher, a student, or just someone who enjoys Earth science firsthand, EarthCaching provides a great way to kick off the celebration.

EarthCaching is a variation of a recreational activity known as geocaching. Typically a geocache organizer posts latitude and longitude coordinates on the Internet to advertise a "cache," or scavenger-hunt destination, which geocachers locate by using GPS devices.

EarthCachers have added an educational dimension. When you visit an EarthCache, you learn something special about Earth science, the geology of the location, or how the Earth's resources and environment are managed there. EarthCaching has been developed by the Geological Society of America - a major Earth Science Week partner - along with Groundspeak, Inc., and the geocaching community. You are invited visit or establish an EarthCache in your area on International EarthCache Day (10/10/10). To learn more, visit www.earthcache.org.

Science Bytes Newsletter

plications are due by January 15, 2010. We expect this will be a popular program. As there are a limited number of openings available, first consideration will be given to early applicants.

If you have further questions, please contact Carla McAuliffe (Carla McAuliffe@terc.edu) or Erin Bardar (Erin Bardar@terc.edu).

Carla McAuliffe, Ph.D.

Senior Curriculum Developer, Researcher, & Evaluator Center for Science Teaching and Learning, TERC (480) 945-6563, AZ office; (480) 612-4572

from Earth Science Week Update American Geological Institute Vol. 8, No. 1: January 2010

Earth Science Week to Be Part of Science Festival

AGI is proud to be an official partner of the inaugural USA Science and Engineering Festival to be held in October in Washington D.C. The event will follow closely on the heels of Earth Science Week, taking place October 10-16, 2010.

The festival, which will be the country's first national science festival, represents a collaboration of over 500 of the country's leading science and engineering organizations. The culmination of the festival will be a two-day expo on the National Mall on October 23-24, 2010, which will give children, teens and adults the opportunity to explore all facets of science and engineering through hundreds of fun, hands-on activities.

People across the Unites States are encouraged to hold satellite events in their communities the same weekend that hundreds of thousands of people celebrate science on the National Mall. For more information on all festival events and how you can get involved, visit http://www.usasciencefestival.org.

Energy Lab Program Open to Schools

American high schools and middle schools are now eligible to participate in the U.S. Department of Energy's Energy-Related Laboratory Equipment (ERLE) program. For over 30 years, this program has enabled colleges and universities to acquire hundreds of millions of dollars in high-quality surplus laboratory equipment from the department's National Laboratories.

The federal agency, an active Earth Science Week partner, invites schools to acquire equipment by reviewing the available equipment list at the ERLE website (http://crle.osti.gov/erle/) and completing an electronic application form. This new opportunity dovetails with the recent announcement of Earth Science Week 2010's theme: "Exploring Energy."

Prepare Now for Week of Environmental Education

National Environmental Education Week (EE Week), the nation's largest environmental education event, held April 11-17, 2010, inspires environmental learning and stewardship. EE Week connects educators with environmental resources to promote K-12 students' understanding of the environment.

In the United States, generating power consumes 3 percent of our water annually, and 13 percent of the energy produced each year is used to treat, transport, and heat water, according to the event organizer, the National Environmental Education Foundation.

Promoting conservation of both water and energy, EE

Week's 2010 theme is "Be Water and Energy Wise."

EE Week provides lesson plans and classroom resources on the water-energy connection at http://www.eeweek.org/water_and_energy_wise/connection. Register for EE Week at http://www.eeweek.org/register to receive certificates of participation, free online resources, information on professional development and funding opportunities, and access to discounts on educational materials.

AAPG Offers Instructors Videos, Expert Speakers

With members ranging from professional geologists and corporate executives to students and academics, the American Association of Petroleum Geologists (AAPG) has plenty to offer Earth science educators. AAPG, a longtime AGI member society and Earth Science Week partner, aims to foster scientific research and promote the science of geology.

In addition to AGI's K-5 GeoSource and Earth Science Week sites, AAPG's K-12 Teaching Resources site at http://www.aapg.org/k12resources/ features the AAPG video library of more than 300 educational videos. AAPG's Youth Education Activities Committee is currently building and expanding this resource.

AAPG's Visiting Geoscientist program allows colleges and universities to arrange for a geoscientist to visit with a group of students for a full day or a half-day. Programs can include technical talks, a review of geoscience careers, and informal discussions. K-12 teachers also may request visits, though availability at the pre-college level is limited. To arrange a visit, go to http://www.aapg.org/education/vgp/.

Universities and geological societies can arrange similar visits through the Distinguished Lecturer program. For details, see http://www.aapg.org/education/dist_lect/.

Contest Recognizes Ideas For Energy, Conservation

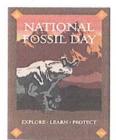
Students throughout North America can win a trip to Washington D.C., \$1,000 for their school, or other prizes by submitting their creative energy ideas to the ninth annual Igniting Creative Energy (ICE) Challenge.

The National Energy Foundation and Johnson Controls are inviting kindergarten through 12th-grade stu-

S LARTH SCHOOL

The Ohio Earth Scientist

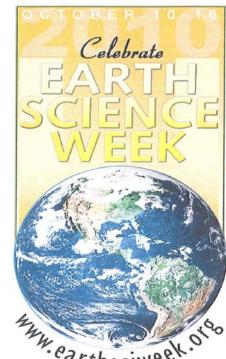




Wednesday - October 13th



OESTA Field Trip & Cookout "CRYSTAL COLLECTING" Sunday – October 24th, 2010 West Branch Reservoir Ravenna, OH (info p. 2)



The Outdoor Wire Newsletter

http://www.theoutdoorwire.com/story/128591630251chrr7h739

International EarthCache Day Scores: The Outdoor Wire



Friday, October 1, 2010

International EarthCache Day Scores (ADD THIS # 90 Pm.)

Boulder, CO, USA -International EarthCache Day will launch The American Geological Institute's Earth Science Week on 10 October 2010 (10-10-10), celebrating 10,000 sites for the exploration of Earth's natural wonderments.

EarthCache adventurers become field geologists for a day. Using the same concept as Geocachinginputting latitude and longitude dimensions into a global positioning system (GPS) device- participants follow directions to a chosen site.

EarthCache sites all around the world mark unique geological processes, surface features, or aspects of Earth's natural history that allow searchers to learn about geology and how scientists gather evidence to learn about the Earth. EarthCache sites include fossil exploration, mining sites, and mineral discoveries among others. The main difference from Geocaching is that there are no hidden trinkets or boxes at EarthCache locations; instead participants are given information that teaches about the Earth and its formations. EarthCache adventures vary in difficulty, and can be fun for the whole family as well as educational. Read more about the EarthCache program at http://www.earthcache.org/.

More than a million people have visited EarthCache sites since the program began in 2004 with an idea by a Geological Society of America member to work with Geocaching. The first EarthCache sites were developed by Geocache enthusiasts in cooperation with Groundspeak Inc., and were located in Australia and Colorado, USA.

Outdoor lovers are invited to contribute new EarthCache sites using their own Earth knowledge and inspiration. Learn more and submit proposals with photos and stories to www.geocaching.com. For more program information, contact Gary Lewis at the address above.

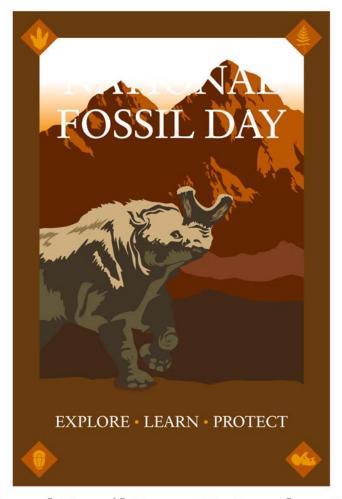
www.geosociety.org

THE OUTDOOR WIRE DIGITAL NETWORK > FISHING WIRE : SHOOTING WIRE : TACTICAL WIRE : DEALER WIRE : WOMEN'S OUTDOOR WIRE

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The Paleontology Newsletter

http://newsletter.palass-pubs.org/pdf/News74.pdf



National Fossil Day: 13 October 2010

Attention, palaeontologists! Would you like to promote the work you do and explain why it is important? Would you like to teach students about fossils? If yes, then get ready to celebrate National Fossil Day, arriving this October.

The National Park Service and the American Geological Institute are partnering to host the first National Fossil Day during Earth Science Week (<www.earthsciweek.org>). National Fossil Day is a celebration to promote public awareness and stewardship of fossils, and to foster a greater appreciation of their scientific and educational value.

More than 228 parks managed by the National Park Service contain fossil resources. Fossils discovered on the nation's public lands preserve ancient life from all major eras of Earth's history, and from every major group of animal or plant. In the national parks, for example, fossils range from primitive algae found high in the mountains of Glacier National Park, Montana, to the remains of ice-age animals found in caves at Grand Canyon National Park, Arizona. Visitors can stand where a fossil tree was rooted or where a fossil animal walked millions of years ago.

Learn more about outreach activities or becoming a National Fossil Day partner at http://nature.nps.gov/geology/nationalfossilday/. Join in the celebration today!

Triangle Coalition Electronic Bulletin

June 17, 2010 Volume 16, Number 24

6/17/10

Many schools are focusing increased attention on energy education. You may wish to consider these competitions as part of your planning for the fall of 2010. – Anita

Earth Science Week 2010 "Exploring Energy" Contest Themes Announced

Triangle Coalition member, the American Geological Institute (AGI), is sponsoring three national contests in conjunction with Earth Science Week 2010, celebrating the theme of "Exploring Energy," October 10-16.

Students, scientists, and the general public are encouraged to enter this year's Earth Science Week photography contest, "We Depend on Energy." Entrants should submit images that capture the way energy is used in their communities.

Students in grades K-5 are eligible to enter the visual arts contest, "Energy on Earth." Two-dimensional original pieces of art should depict answers to questions such as, "where does energy come from?", or "how do people find and study energy resources?" Entries should illustrate, in creative and engaging ways, where energy comes from, and how it is used.

The essay contest, "How Energy Powers the Planet," is open to students in grades 6-9. One-page essays should focus on how Earth system processes develop energy resources, how human use of energy affects the Earth system, and how people can be responsible stewards of Earth's energy resources.

For more information on these contests including guidelines, deadlines, and how to submit your entry, visit www.earthsciweek.org/contests.

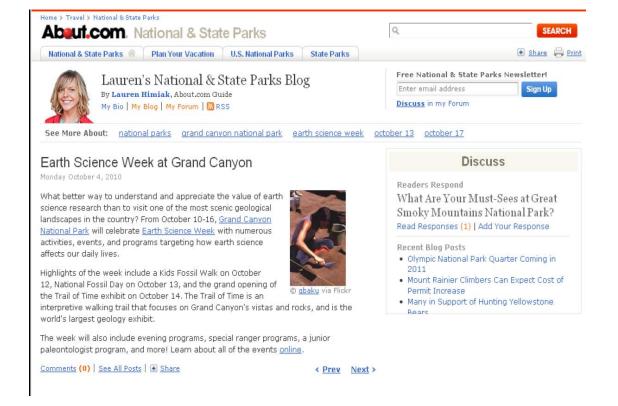
Earth Science Week is organized annually by AGI with support from the U.S. Geological Survey, NASA, National Park Service, ExxonMobil, and the American Association of Petroleum Geologists Foundation, among others. The American Geological Institute is a nonprofit federation of 47 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists, and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

Triangle Coalition Electronic Bulletin
June 17, 2010 - Volume 16, Number 24 http://www.trianglecoalition.org/curtceb.htm

About.com

October 4, 2010

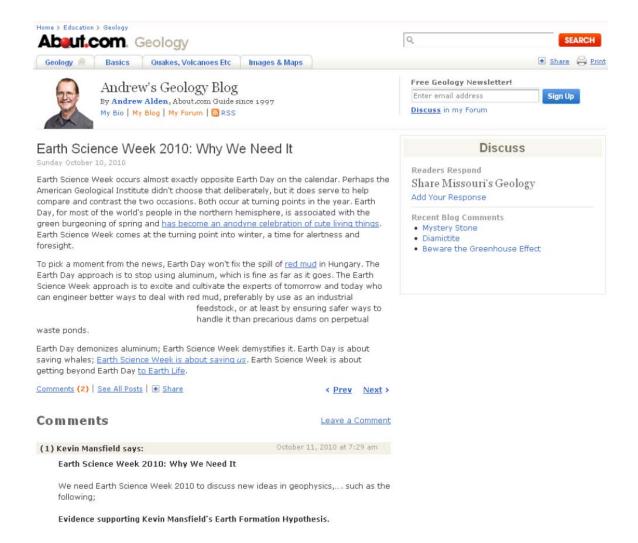
http://usparks.about.com/b/2010/10/04/earthscienceweekgrandcanyon.htm



About.com

October 10, 2010

http://geology.about.com/b/2010/10/10/earth-science-week-2010-why-we-need-it.htm



About.com

October 16, 2010

http://geology.about.com/b/2010/10/16/celebrate-earth-science-week-with-a-mineral.htm



Aj-gps.net

http://aj-gps.net/cache/17875/



db statistics 45517 cacher, 18074 caches 1592101 logs (1445883 finds) last update 2010-10-07 14:42:08

International EarthCache Day 2010 (GC2FFV2)

Event Cache Difficulty 1.0, Terrain 3.0 0 attended log(s), 8 will-attend log(s), 5 note (s), 0 announcement(s)

GCVote-Rating: No votes

Event on 2010-10-10 by EarthCache Mami

Location Federal state: Salzburg 0.2km east of "Wankham"

0.2km east of "Enzing" 0.2km east of "Henndorf am Wallersee" 0.2km east of "Fenning"

Sorry, you are not logged in. Please login.

Nearest caches [more]

Ø 对0.4km GC1VF4F Carl Zuckmayer

Ø → 0.6km GC105NB lago di waller
 ♦ ↑ 0.6km GC105NB lago di waller
 ♦ ↑ 1.0km GC1V60Y
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aj-gps.net Features (you are not logged in)

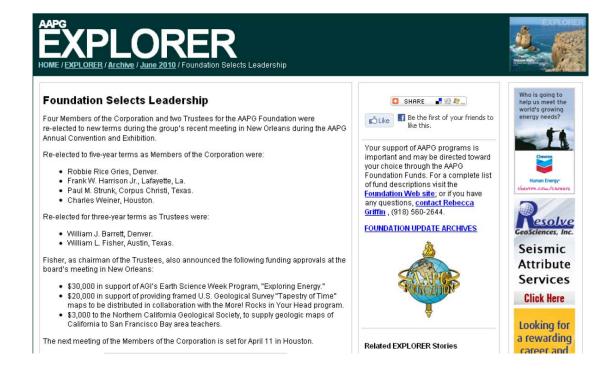
geocaching.com Cache Description Add to bookmark list Print-friendly view Send to GPS

Sorry, you are not logged in. Please login.

Last update: 2010-09-30 07:02:06

American Association of Petroleum Geologists (AAPG)

http://www.aapg.org/explorer/2010/06jun/foundation0610.cfm



American Camp Association

http://www.acacamps.org/acanow/news/no_child_left_inside_update.php



AGI Twitter



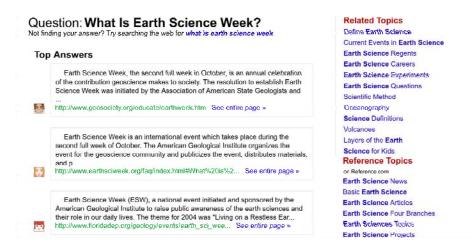
- <u>Login</u><u>Join Twitter!</u>

The Earth Science Week 2010 theme has been announced! Read about it here http://bit.ly/61INIX 10:58 AM Jan 8th via web



Ask.com

http://www.ask.com/Q/what-is-earth-science-week



Association of Environmental and Engineering Geologists (AEG)

AGI - Earth Science Week 2010 - "Exploring Energy"

Sunday, October 10, 2010 - Saturday, October 16, 2010

AGI invites you to take part in Earth Science Week 2010! Being held October 10-16, Earth Science Week 2010 will encourage people everywhere to explore the natural world and learn about the geosciences. "Exploring Energy," the theme of Earth Science Week 2010, will engage young people and the public in learning about Earth's energy reources. AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. The program is supported by the U.S. Geological Survey, NASA, the National Park Service, the AAPG Foundation, U.S. Department of Energy, ExxonMobil, ESRI, and other geoscience groups.

For more information, click here.

Atmospheric Radiation Measurement (ARM) Climate Research Facility Facebook

 $http://jajp.facebook.com/posted.php?id=110470104224\&share_id=148982285121184\&comments=1$



Aussiepythons.com

http://www.aussiepythons.com/forum/field-herping-reptile-studies-5373/calling-nature-photographers-144730/



Australian Science Communicators

http://www.asc.asn.au/2010/10/1297/

"HI! ASC MEMBERS PLEASE REGISTER OR LOG IN. PROBLEMS? CONTACT US."

ABOUT CALENDAR JOIN/RENEW MAILING LISTS MEMBERS STATE & NATIONAL USING THIS SITE Search.



AUSTRALIAN SCIENCE COMMUNICATORS

SUPPORTING AND REPRESENTING THOSE WHO MAKE SCIENCE ACCESSIBLE TO EVERYONE

Mailing List

Geoscience Australia will be activities, science displays, tours and talks showcasing our agency's petroleum, mineral, [...]

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» Did Australian Aborigines reach America first?

EOSCIENCE AUSTRALIA WILL BE HOSTING A RANGE OF activities to celebrate Earth Science Week 2010, with the main event our annual Open Day on Sunday 17 October from 10am-4pm. Geoscience Australia's Open Day offers a diverse program of activities, science displays, tours and talks showcasing our agency's latest endeavours in the fields of petroleum, mineral, marine, mapping, groundwater and natural hazard research.

Children can navigate the grounds using GPS, take a walk through geological time, make their own rock, use slime to learn the science behind quicksand or bring along a rock from home and have it identified by one of our geologists.

See the winning films and highlights from the Geoscience Australia and Australian Science Teachers Association Geologi short film competition at the official awards ceremony at 2pm. Entries were received from 200 school students from across Australia for short films based on the theme Ever changing Earth.

There will also be a range of science presentations throughout the day, including: 10:30am: Australia's energy future – from fossil fuels to renewables 11:00pm: Geothermal energy in Australia – the what, how, why, where and when 11:30pm: Hazard modelling to keep your feet dry 12:00pm: Winner's Bore – hardwon outback water 12:30pm: How geology has shaped the Australian people

When: Sunday 17 October 2010, 10am-4pm Where: Cnr Jerrabomberra Avenue and Hindmarsh Drive, Symonston ACT Cost: Free Contact: (02) 6249 9111 or education@ga.gov.au

Browse The winning entries from Geoscience Australia's Top GeoShot photo competition, another Earth Science Week activity, will also be displayed in an exhibition in Geoscience Australia's public foyer during Earth Science

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AUSTRALIAN SCIENCE COMMUNICATORS

SUPPORTING AND REPRESENTING THOSE WHO MAKE SCIENCE ACCESSIBLE TO EVERYONE

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Search for 'Top Geoshot' Earth
Science Week photo competition
Earth science is all around us. It
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looking for a collection of 'Top
GeoShots' to display throughout
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By ASC Webmaster

Posts by ASC Webmaster ASC Webmaster's Website EARCH FOR "TOP GEOSHOT" EARTH SCIENCE WEEK PHOTO competition

Earth science is all around us. It influences our lives on a daily basis and many of us barely notice it. Geoscience Australia is looking for a collection of 'Top GeoShots' to display throughout Earth Science Week. Who better to create those images than you? So get out there, explore and don't forget your camera! Take a photograph that captures the essence of earth science in Australia.

Email your entry to education@ga.gov.au by 4 October 2010 along with a completed entry form available from Geoscience Australia's website, and you could see your photo feature in Geoscience Australia's public foyer in Canberra. Winners will also receive a professionally framed enlargement of their photo.

Geoscience Australia will be hosting a range of activities to celebrate Earth Science Week 2010, culminating with its annual Open Day in Canberra on Sunday 17 October from 10am-4pm

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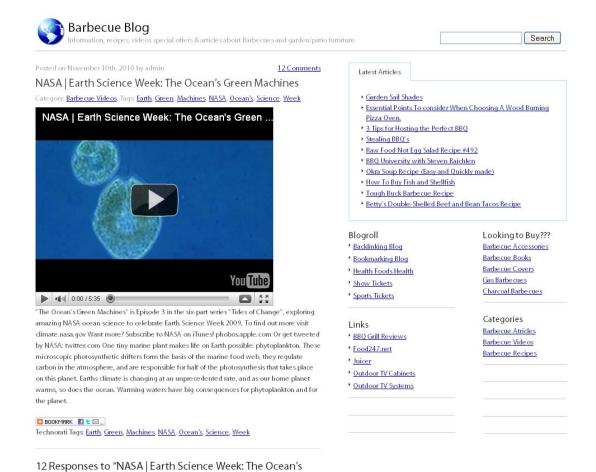
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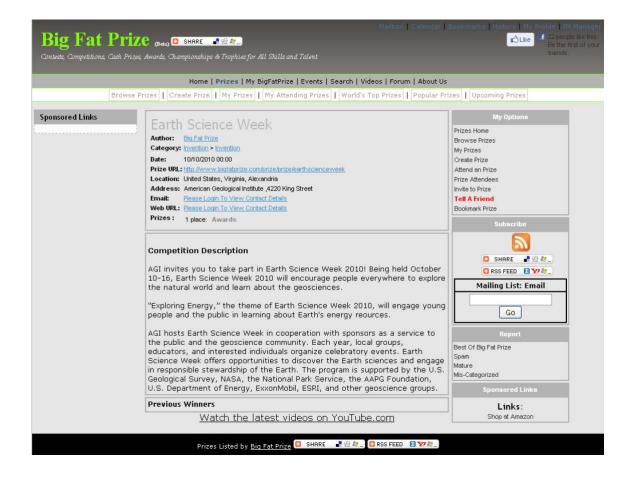
Barbecue Blog

http://www.gas-warehouse.co.uk/barbecue-videos/nasa-earth-science-week-the-oceansgreen-machines



Bigfatprize.com

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



Boston.com

http://www.boston.com/ae/events/articles/2010/09/12/critics_picks_family/



FOSSIL DAY Celebrate National Fossil Day with hands-on activities featuring real specimens and ancient teeth, claws, and fossilized footprints. It's part of Earth Science Week, sponsored by the American Geological Institute and US National Park Service. Oct. 13, 1–5 p.m. \$6-\$9. Harvard Museum of Natural History, Cambridge. 617-495-3045, www.hmnh.harvard.edu

Brittgow.globalteacher.org

http://brittgow.globalteacher.org.au/2010/10/13/earth-science-week-hong-kong-geopark/



Buckrun Outdoors Blog

http://blog.buckrunoutdoors.com/2010/09/28/national-park-service-celebrates-first-national-fossil-day



NATIONAL PARK SERVICE CELEBRATES FIRST NATIONAL FOSSIL DAY

Posted on September 28, 2010, 1:40 PM, by Blog Master, under National Parks.

National Park Service News Release

For Immediate Release: September 28, 2010

Contacts: Vincent Santucci, 703-289-2531, vincent_santucci@nps.gov

Elise Cleva, 202-208-6843, elise_m_cleva@nps.gov

Burlington Gem, Mineral Club

http://www.burlingtonfreepress.com/article/20100723/NEWS02/7230310/Burlington-Gem-Mineral-Club-to-hold-annual-show

SOUTH BURLINGTON -- Treasures from the earth will be on display at the 31st annual Champlain Valley Gem, Mineral & Fossil Show this weekend.

The show, sponsored by the Burlington Gem and Mineral Club, is public and popular with adults and children alike, club Treasurer Warren Ellison of Underhill said. Of the 500 to 1,000 attendees, about 150 often are children.

Steve Howe of St. Albans is club secretary and newsletter editor. He said kids are inspired by minerals

"It's the wonder of a specimen that might be millions of years old and that is still attractive and interesting," he said. The show will include activities for children.

Three speakers Saturday and Sunday afternoons are collectors and authorities on geology and minerals in New England.

Robert Whitmore will speak Saturday about "Gernstones of New England" and Sunday about "Pegmatites Around the World."

Whitmore owns the Palermo mines in North Groton, N.H., a source of the granite-type rock known as pegmatite, as well as about 150 other minerals including whitmoreite, named in his honor. Pegmatite is important to collectors because it often contains crystals such as aquamarine, topaz and tourmaline, Howe said.

Trilobite trace fossils will be the topic of a talk by Tom Rich of Massachusetts, who prepares and restores fossils as a business. Jim Nizamoff, a mineralogist with Omya Inc. in Proctor, will discuss gem minerals of Maine.

Fifteen vendors will display minerals, jewelry and brilliantly colored gemstones at the show.

The Burlington Gem and Mineral Club holds monthly meetings and sponsors field trips several times a year. "We are a very friendly group," Howe said. On field trips, members have the opportunity to visit former and active mine sites that are usually closed to people who do not belong to a club. A field trip will be held in October to view fossils at the Hatch quarry in Panton, coinciding with Earth Science Week.

An amethyst cathedral geode, found in Brazil, is the featured raffle prize at the show, similar to those given in recent years. "They are quite a hit," Howe said. Tall, purple-violet geodes are known as cathedral geodes.

The club awards an annual \$1,000 scholarship, named in honor of longtime members Ethel and William Schuele, who were active in education related to gems and minerals. The scholarship promotes and supports original research on Vermont geology.

People interested in becoming members of the club may download a membership form at www.burlingtongemandmineralclub.org.

California Regional Environmental Education Community (CREEC)

http://creec.edgateway.net/cs/creecp/view/eg_e/10270?x-layout=cal



CalServe Network

http://calservenetwork.blogspot.com/2010/08/environmental-grants-awards-contests.html

THURSDAY, AUGUST 12, 2010

Environmental Grants, Awards & Contests

Trash to Treasure Competition

(resource for PLT's PreK-8 activities "Reduce, Reuse, Recycle," "Renewable or Not," "Make Your Own Paper," "A Look at Aluminum," and PLT's Municipal Solid Waste secondary module)

PBS's Design Squad invites kids ages 5-19 to turn their trash into treasure by recycling, reusing, and re-engineering everyday materials into an out-of-the box invention. The deadline for submission is September 5, 2010. Three winners will be chosen to see their ideas become a reality. Visit the PBS Kids website for more details and information.

How Green is My Town?

(resource for PLT's GreenSchools! program)

"How Green is My Town?" is a grassroots effort to empower citizens and local decision makers to address the issues of climate change, sustainability, and environmental health at the local level. The website functions as a national clearinghouse of programs, ideas, and policies for exploring solutions. Learn how you can be part of that change by reviewing a list of actions any school or town can take.

Melinda Gray Ardia Environmental Foundation Grants

Deadline: September 20, 2010

K-12 teachers are invited to apply for grants up to \$1,500 to implement environmental curricula, such as PLT, that integrate hands-on ecology exercises into the classroom. To facilitate learning and student empowerment, environmental curricula should be holistic and strive to synthesize multiple levels of learning (facts, concepts, and principles), including experiential integrated learning and problem solving. Visit the Melinda Gray Ardia Environmental Foundation website for more information and proposal submission details.

Earth Science Week Contests

Deadline: October 15, 2010

The American Geological Institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2010, celebrating the theme of "Exploring Energy," October 10-16, 2010. Visit www.earthsciweek.org/contests for additional information.

Photography Contest, "We Depend on Energy" - Entrants should submit images that capture the way energy is used in their communities.

Visual Arts Contest, "Energy on Earth" - Students in grades K-5 should submit two-dimensional original pieces of art illustrating, in creative and engaging ways, where energy comes from and how it is used.

Essay Contest, "How Energy Powers the Planet" - Students in grades 6-9 should submit one-page essays focusing on how Earth system processes develop energy resources, how human use of energy affects the Earth system, and how people can be responsible stewards of Earth's energy resources.

Casper Journal

http://www.casperjournal.com/articles/2010/10/11/news/news11.tate%20hosts%20open%20house%20to%20celebrate%20fossil%20day.txt



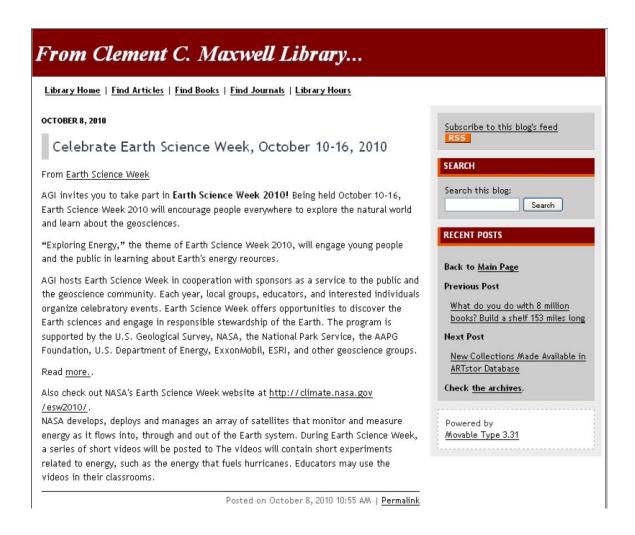
Chabot Space and Science Center

http://www.chabotspace.org/calendar.htm?date=10-16-2010&p=2725401



Clement C. Maxwell Library Webpage

http://library.bridgew.edu/mt/max/2010/10/celebrate_earth_science_week_o.html



Cleveland Museum of Natural History

http://www.cmnh.org/site/GetInvolved/ClubsandSocieties/ClevelandGeologicalSociety/EarthScienceandArchaeologyDay.aspx

Earth Science and Archaeology Day

Saturday, October 16, 2010 10 am to 4 pm

Join us for a day of discovery and hands-on activities focused on the exciting fields of archaeology and the Earth sciences at the Cleveland Museum of Natural History. This day of discovery is part of Archaeology Month and Earth Science Week. Discover the fascinating worlds of archaeology, paleontology, and geology through exhibits of artifacts and hands-on activities. Meet representatives of the Museum's Departments of Archaeology, Invertebrate Paleontology, Mineralogy, and Vertebrate Paleontology, as well as associated societies including The Cleveland Geological Society, the Micromineral Society, and organizations such as the Cleveland Archaeological Society, the Cleveland Grotto of National Speleological Society, the Gold Panners Association of America (Ohio Chapter), and the North Coast Fossil Club. Local university professors and other professionals will be on hand to give advice on geology and archaeology as a career. Activities will include kid-friendly archaeological and earth science activities in the Smead Discovery Center, atlat! spear throwing and flint drill use, and flint knapping demonstrations. Archaeology and earth science books will be offered for sale in the museum store. You may bring in a limited number (please only 6 per person) of artifacts, fossils, minerals, and rocks for identification.

Free with Museum admission.

Deep Earth Academy

http://www.oceanleadership.org/2010/program-update-deep-earth-academy-april-2010/

fall. During IODP Expedition 327 Juan de Fuca Hydrogeology which begins on July 5 in Victoria, Canada, a team of six educators, writers and illustrators will work alongside scientists to develop materials and activities to share the science of the expedition with students and the general public. I-DEA will coordinate this unusual opportunity for educators and scientists to interact throughout a full two-month expedition.

Teachers and informal educators will also join expeditions onboard the *JOIDES Resolution* during expeditions this fall. I-DEA continues to accept applications for the opportunity for educators to sail onboard the *JOIDES Resolution* during the 2010 "School of Rock," a multi-day hands-on Earth science workshop. During School of Rock, educators will learn about the hydrology and geology of the Cascadia subduction zone, located near the coast of British Columbia, Canada. Applications are due on May 5 and all expenses to and from the ship's ports of call (Victoria, Canada) and during the expedition will be paid by Deep Earth Academy. A stipend will also be provided. Applications and more information are available at deepearthacademy.org and http://joidearesolution.org.

In April, I-DEA staff began making plans for an exhibit which will be featured at the inaugural USA Science and Engineering Festival in Washington, D.C. in October, 2010. An estimated 250,000 people will descend on the National Mall to participate in the Festival and celebrate science in the United States. The culmination of the two week long Festival will be a two-day Expo on the Mall for the public to discover and explore the world of science. Through hands-on activities, visitors will build a "giant core" and will learn how cores reveal Earth's past. Deep Earth Academy's exhibit will complement Earth Science Week, which overlaps with Festival activities. To learn more about the festival, please visit http://www.usasciencefestival.org/

Digital Library for Earth System Education (DLESE)

http://www.dlese.org/library/index.jsp

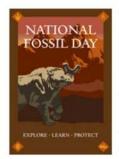


Dinochick Blogs

http://paleochick.blogspot.com/2010/06/first-national-fossil-day.html

WEDNESDAY, JUNE 16, 2010

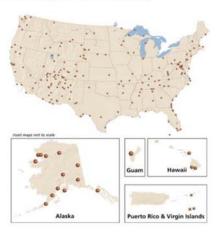
The First National Fossil Day!!



The National Park Service and the American Geological Institute are partnering to host the first National Fossil Day on October 13, 2010 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.

This year's Earth Science Week toolkit includes a "Fossils of the National Parks" poster, featuring a map showing more than 228 parks managed by

the National Park Service that contain fossils. The poster also includes a "How to be a Paleontologist" classroom activity.



Fossils discovered on the nation's public lands preserve ancient life from all major eras of Earth's history, and from every major group of animal or plant. In the national parks, for example, fossils range from primitive algae found high in the mountains of Glacier National Park, Montana, to the remains of ice-age animals found in caves at Grand Canyon National Park, Arizona. Public lands provide visitors with opportunities to interpret a fossil's ecological context by observing fossils in the same place those animals and plants lived millions of years ago.

National Fossil Day activities will also highlight fossil fuels to correlate with this year's Earth Science Week theme, "Exploring Energy".

National Fossil Day is being promoted through partnerships with professional organizations, government agencies, and other groups. Supporters include the Arizona Museum of Natural History, the Association of American State Geologists, the



DC Geology Events Blog

http://dcgeologyevents.wordpress.com/2010/03/

DC Geology Events



MONTHLY ARCHIVES: MARCH 2010

SEARCH IT!

PGS: Communication of Geoscience Information to the Public

Posted on March 11, 2010 | Leave a comment

The March meeting of the Potomac Geophysical Society will be held **March**18th at the Fort Myer Officers' Club in Arlington, VA
(http://www.fmmcmwr.com/maps.htm) in the Campaign Room.

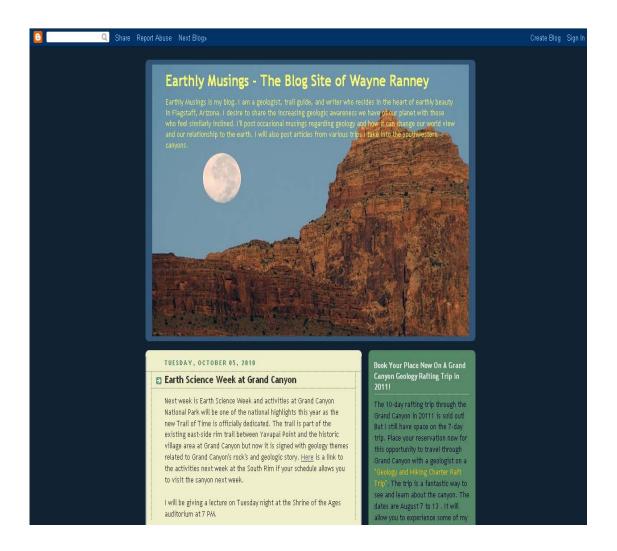
This month's talks will be: The Nexus of Effective Communication of Geoscience Information to the Public and the Profession by Patrick Leahy (American Geological Institute) and Science and Communicating with Media by Angela Botzer (National Geographic).

Abstracts:

Leahy: The American Geological Institute (AGI) is unique globally in its mission to service to the geosciences worldwide. AGI is a federation of 46 scientific and professional geoscience organizations located in Alexandria, Virginia. The federation represents 120,000 geoscientists and covers essentially every aspect of the geosciences. Effective communication for and service to the geosciences involves multiple, yet interconnected audiences. AGI accomplishes its communication and service mission in several ways. First and foremost by providing a robust global database of geoscience references numbering more than 3 million citations that supports the research community. Secondly, to increase both public awareness and inform the professional community, AGI publishes a monthly news magazine, Earth. Other areas of communication important to both the public and the profession include K-16 education, geoscience workforce supply and demand information, robust interactions with government leaders, and an annual earth science week (October 10-16, 2010) celebration. All elements of this communication strategy face challenges and present opportunities which will be described.

Earthly Musings Blog

http://earthly-musings.blogspot.com/2010/10/earth-science-week-at-grand-canyon.html



Earth News Twitter

http://twitter.com/Earth_News/status/8995399768

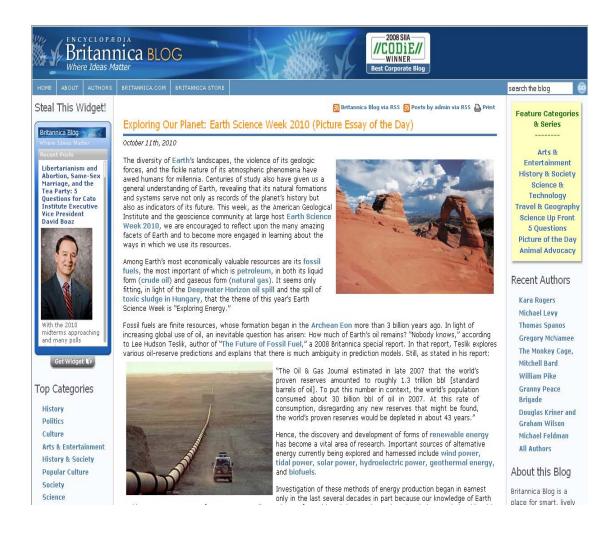
Geology.com: Exploring Energy: Earth Science Week 2010: "Exploring Energy," the theme of Earth Science Week 2010, ... http://bit.ly/dpgv00 9:02 PM Feb 11th via twitterfeed





Encyclopedia Britannica Blog

http://www.britannica.com/blogs/2010/10/exploring-our-planet-earth-science-week-2010-picture-essay-of-the-day/



Energy4me Blogs

http://www.energy4me.org/2010/10/energy4me-is-joining-in-the-celebration-of-earth-science-week/



Energy4me is joining in the celebration of Earth Science Week!

Author: Heather Stanford; Published: Oct 15, 2010; Category: Education outreach, Energy, Energy Conservation, Energy Education, Energy sources, Environment, Geology, Renewable energy, Science, Technology; Tags: Children, Earth, Earth science, Earth Science Week, Education, Energy, energy challenges, Energy Conservation, Environment, eWeek, Geology, Geothermal, Renewable, School, science, Student, Technology; Comments: Be the first

The theme of Earth Science week this year is "Exploring Energy" and is happening October 10-16. This event focuses on learning about energy sources and the impact they have on our lives.

Energy4me, an energy education program sponsored by the Society of Petroleum Engineers is joining in the



fun! Energy4me provided an exciting learning activity called "Products from Petroleum" for the month of December in AlG's "Energizing Education" <u>calendar</u>.

Energ4me's activity "Products from Petroleum" is a great interactive lesson on products we use every day made from petroleum. The lesson demonstrates what some products are made from and the processes it goes through to create different products. After the demonstration, each student creates a list of their 10 most important products made from petroleum separating them by necessities and luxuries.

The lists are discussed with the rest of the class and the reasoning behind each choice. The lesson is followed up by discussion on what the 10 most important products should be and how life would change without those products made from petroleum.

Energy4me provides many more interactive and fun <u>classroom activities</u> for all grade levels. The Energy4me <u>kit</u> and <u>lesson plans</u> are also free to download. The Energy4me kit includes hands-on experiments, ready-to-go classroom presentations, teaching aids, and speaker resources. All of these exciting classroom resources correspond with our "Oil and Natural Gas" <u>book</u>.

EnergyTeachers.org

http://energyteachers.org/ReadArticle.php?id=337



EnergyTeachers.org-The network for educators interested in energy production and use.

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Earth Science Week 2010 Exploring Energy Contest Themes Announced

Submitted by The American Geological Institute 2010-06-16 22:08:29

Alexandria, VA - The American Geological institute (AGI) is sponsoring three national contests in conjunction with Earth Science Week 2010, celebrating the theme of "Exploring Energy," October 10- 16

Students, scientists and the general public are encouraged to enter this year's Earth Science Week photography contest, "We Depend on Energy." Entrants should submit images that capture the way energy is used in their communities.

Students in grades K-5 are eligible to enter the visual arts contest, "Energy on Earth." Two-dimensional original pieces of art should depict answers to questions such as, where does

energy come from, or how do people find and study energy resources? Entries should illustrate, in creative and engaging ways, where energy comes from and how it is used. The essay contest, "How Energy Powers the Planet," is open to students in grades 6-9. One-page essays should focus on how Earth system processes develop energy resources, how human use of energy affects the Earth system, and how people can be responsible stewards of Earth's energy resources.

For more information on these contests including guidelines, deadlines and how to submit your entry, please visit

http://www.earthsciweek.org/contests/
Earth Science Week is organized annually by AGI with support from the U.S. Geological Survey, NASA, National Park Service, ExxonMobil and the American Association of Petroleum Geologists Foundation, among others. To learn more about Earth Science Week, please go to:

http://www.earthsciweek.org
The American Geological Institute is a nonprofit federation of 47 geoscientific and professional associations that represents more than 120,000 geologists, geophysicists and other earth scientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

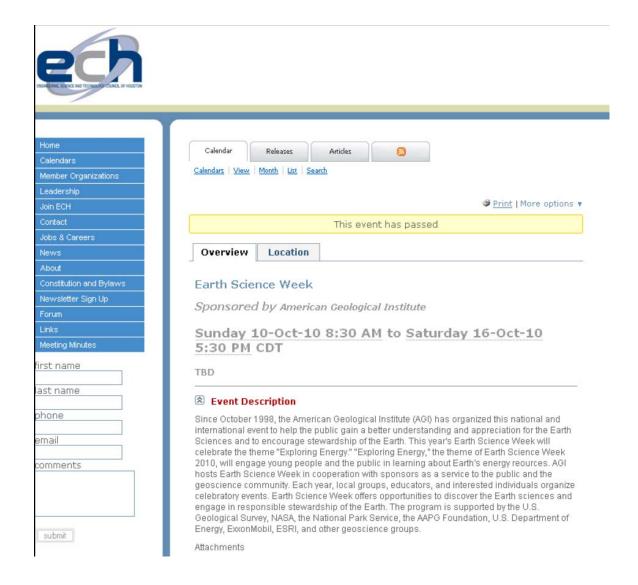
Has reading this article been useful? Please use our forum for any comments: energyteachers.org/forum

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http://www.echhouston.org/en/cev/143



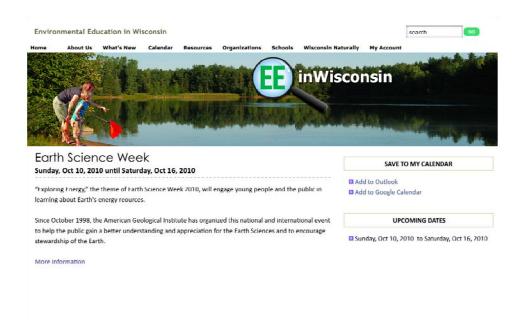
Enslow Publishers, Inc. Blog

http://blog.enslow.com/2010/10/celebrating-earth-science-week.html



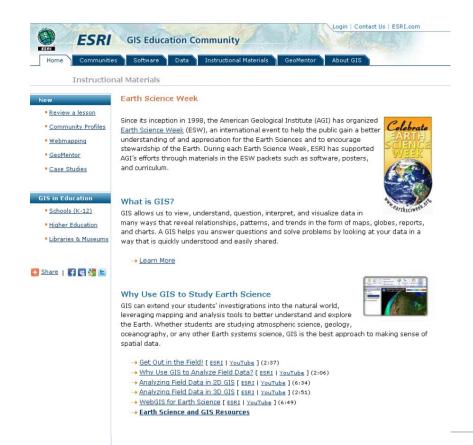
Environmental Education in Wisconsin

http://eeinwisconsin.org



ESRI Website

http://edcommunity.esri.com/esw/



2010 Earth Science Week: Exploring Energy

"Exploring Energy," the theme of Earth Science Week 2010, will engage young people and the public in learning about Earth's energy reources. Discover how GIS and map visualizations are used to better understand energy resources, utilization, and consequences. Links below provide dynamic connections to the GIS education lesson database, <u>ArcLessons</u>.

→ Explore Energy and GIS curriculum at ArcLessons

- → Why teach and learn with GIS and GPS? [YouTube]
- → Sand Dunes processes 1: [YouTube]
- → Sand Dunes processes 2: [YouTube]
- → Of Caprocks, Erosion, and the Mancos Shale: [YouTube]
 → Hiking through the chaparral biome: [YouTube]
- → Hiking along the Continental Divide: [<u>Youтube</u>]
- → Lava flow: [<u>YouTube</u>]
- → River meanders: [<u>YouTube</u>]
- → Red soils of Oklahoma: [YouTube]
- → Benefits of Geocaching in Education: [<u>YouTube</u>]
- → Sugar cane on Maui: [YouTube]

Expressnightout.com

http://www.expressnightout.com/content/2010/10/suzanne-farrell-zantzinger-national-fossil-day.php



Fastcompany.com

http://www.fastcompany.com/1690880/national-fossil-day



National Fossil Day

BY FAST COMPANY CALENDAR Wed Oct 13, 2010

Hiking, kayaking, camping -- gawking at stegosaurus bones? Dinosaur fans are no strangers to museums, but at least 228 national-park areas offer a different view: "fossils in the ground, in their natural state," says Vince Santucci, chief ranger for the National Park Service. To get the word out -- and help continue the recession-fueled 3.9% uptick in annual visitors, now that the economy shows signs of bouncing back -- the park service announced the first National Fossil Day. The only downside to museum-worthy sites in the great outdoors? No velvet ropes mean grabby tourists take home bits and pieces as souvenirs. In fact, in 1957, Congress had to close South Dakota's Fossil Cycad National Monument after people stole all the surface-level fossils of the cycad, a dinosaur-age plant. Let's keep our hands to ourselves, people. -- RA

WED, OCTOBER 13

Dig

National Fossil Day

Have an event to share? Email calendar[at]fastcompany[dot]com Visit the $\underline{FC\ Now\ Blog}$ or $\underline{Calendar\ App}$ for more events.

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» Now: October 2010

Topics:

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Florida Department of Environmental Protection

http://www.dep.state.fl.us/geology/events/earth_sci_week_2010.htm





Gadling.com

http://www.gadling.com/2010/10/13/park-service-dedicates-trail-of-time-at-grand-canyon/



Geoblogosphere News

October 5, 2010

http://geoblogs.stratigraphy.net/index.php?query=journal+of+earth+sciences

Geoblogosphere - News: a blog aggregator for Earth Sciences [2010-10-05]

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NEW: Visit Geobulletin, the new version of Geoblogosphere News

Search results for: journal of earth sciences"
Tuesday, 05 October 2010
AGI Launches EarthNotes
GeoSpectrum [2010-10-05 16:05:20] 🚾 recommend this post 👽
The American Geological Institute (AGI) is pleased to offer a new service, EarthNotes, information briefs that provide engaging and timely information about earth science issues. EarthNotes are concise reports created to inform the general public about the interactions between the planet and their []
Puesto de trabajo como director de Paleontología en un centro de California
WeBlog Aragosaurus [2010-10-05 08:57:00] 🔯 recommend this post 🧼
El puesto de trabajo tiene una pinta bien buena. Es para doctores que lleven un tiempo trabajando y tenga experiencia en gestión de colecciones. En fin, nunca se sabe, os adjuntamos la información.California State University, Fullerton invites applications for the Director of Paleontology for []
Suicides at India's Nuclear Plants.
Environment and Geology [2010-10-05 08:06:00] recommend this post 🔱
The largest number of suicide cases at 74 have been reported from Uranium Corporation of India Ltd, Jharkhand.byDr. Nitish Priyadarshi197 employees belonging to a number of nuclear establishments and related institutes in India have committed suicide and 1,733 scientists and employees belonging to []
World's Oldest Animal Fossil Found in Australia
Geology.com News [2010-10-05 08:00:14] 🚾 recommend this post 🔍
"Scientists may have discovered in Australia the oldest fossils of animal bodies. These findings push back the clock on the scientific world's thinking regarding when animal life appeared on Earth. The results suggest that primitive sponge-like creatures lived in ocean reefs about 650 []

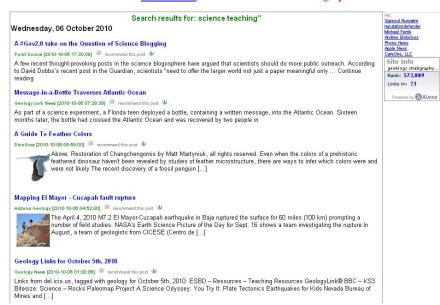
Geoblogosphere News

October 6, 2010

http://geoblogs.stratigraphy.net/index.php?query=science+teaching

Geoblogosphere News

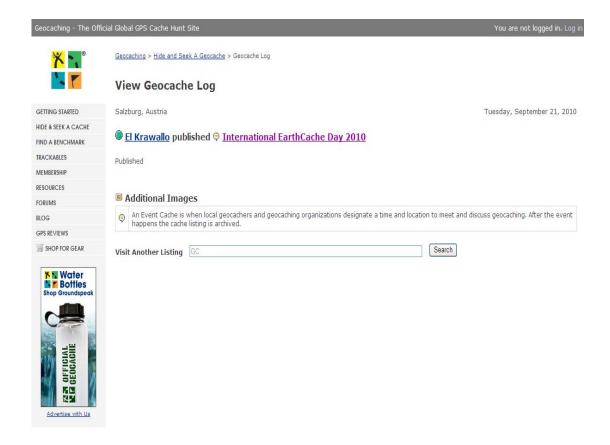
NEW: Visit Geobulletin, the new version of Geoblogosphere News





September 21, 2010

http://www.geocaching.com/seek/log.aspx?LUID=8d5af55c-b031-479d-9565-5af010ce00e5



http://www.geocaching.com/seek/cache_details.aspx?guid=5fb40480-837b-43a2-a803-bcb8b76255ae

International EarthCache Day is Sunday October 10th.

So...let's celebrate!



But, what exactly is an EarthCache?

How does one go about developing an EarthCache?

Is it true that I need permission to develop an EarthCache?

In order to answer these questions, and hopefully any others you may have about this special type of geocache, I am hosting another EarthCaching 101 Event.

Who: Anyone who is interested in learning about EarthCaches.

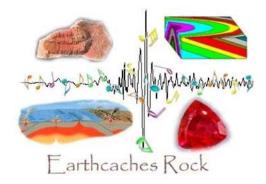
What: EarthCaching 101

When: Sunday October 10, 2010-12:00pm.

Where: We will meet at the parking area for the Freda Haffner Kettlehole Preserve.

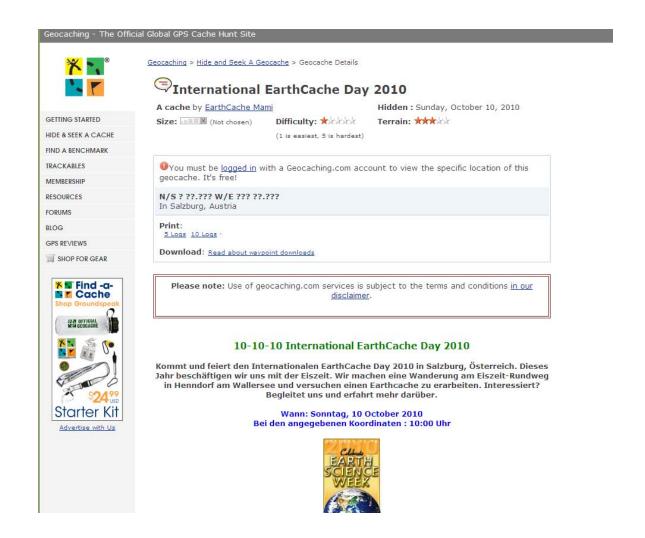
Why: There really are not many EarthCaches in our area. Hopefully by conducting this EarthCaching 101 Event, more local cachers will get a better understanding of this special type of geocache, and why I personally love EarthCaches as much as I do.

Please feel free to bring the entire family, you will not want to miss this Event!



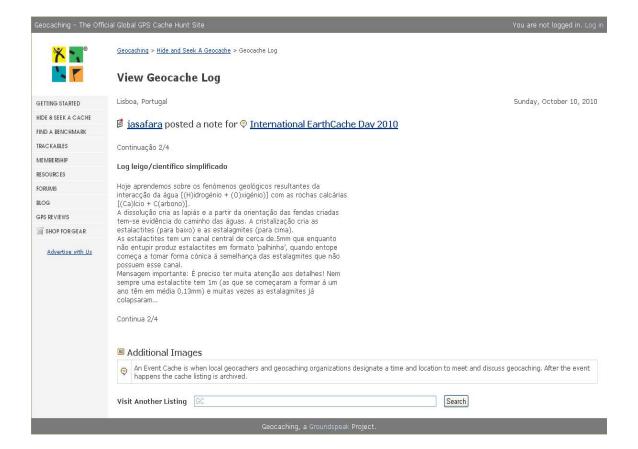
October 10, 2010

http://www.geocaching.com/seek/cache_details.aspx?guid=f05f189a-173e-4caa-8a4e-4260b1baacf5



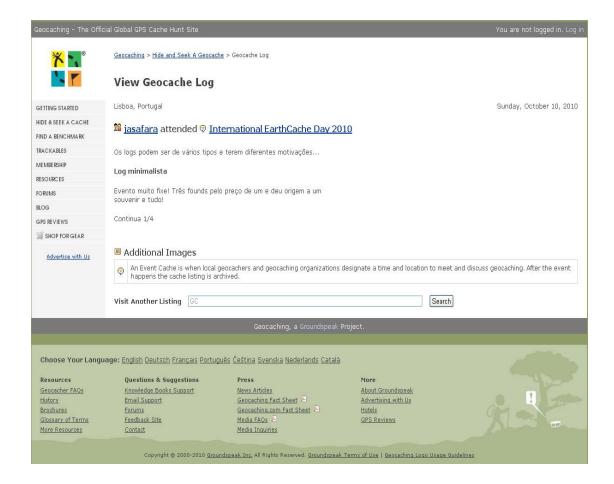
October 10, 2010

http://www.geocaching.com/seek/log.aspx?LUID=19da53a0-9543-4b0f-9ebb-8d636f041e96



October 10, 2010

http://www.geocaching.com/seek/log.aspx?LUID=61e809af-0afa-4d0b-a2bb-3e9371a17309



Geo Institute Twitter



- Login
 Join Twitter!

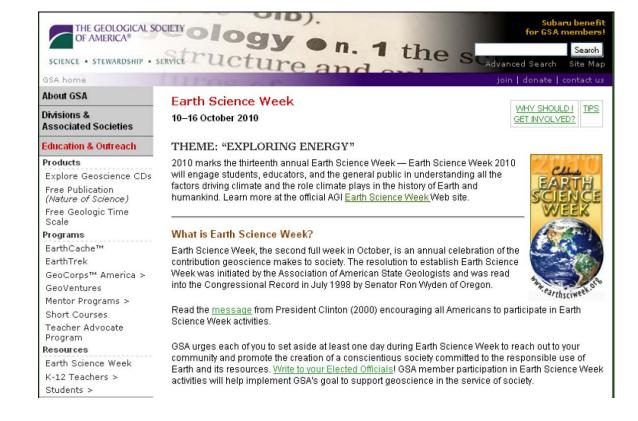
Just announced: "Exploring Energy" is theme for Earth Science Week 2010 (Oct 10-16) $\underline{\text{http://ow.ly}}$ /IcNL7 8:10 AM Mar 1st via $\underline{\text{HootSuite}}$



GeoInstitute Geo-Institute ASCE

Geological Society of America (GSA)

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









Ever-changing Earth

WHAT IS THE GEOLOGI SHORT FILM COMPETITION 2010?

The Geologi Short Film Competition (Geologi2010) is hosted by Geoscience Australia and the Australian Science Teachers Association to celebrate Earth Science Week from 10–16 October. All Australian primary and secondary school students are invited to submit a short film highlighting the role Earth Science plays in our interactions with an 'Ever-changing Earth'.

WHO SHOULD ENTER?

The Geologi2010 is a competition designed for students with an interest in Earth Science, film making or both! Any individual, class or group can enter a film into the competition, in one of three age divisions:

- Primary
- Years 7-10
- Years 11-12

WHAT DO YOU NEED TO DO?

To enter, all you have to do is make a film that explains how one of the following relates to the theme 'Ever-changing Earth':

- Natural hazards: earthquakes, tsunami or landslides
- Rocks and minerals: resources from our Earth
- · Earth's history: geological time
- · Local geology: what's in your backyard
- Current geoscience research: carbon capture and storage or geothermal energy

For example, your film could explain how earthquakes or tsunami affect people and how science is helping us to understand and manage natural hazards. Alternatively, your film could examine how geologists use the fossil record to explore the history of planet Earth.

Be creative! Just remember to include Earth Science and relate back to the theme 'Ever-changing Earth'.



MORE INFORMATION?



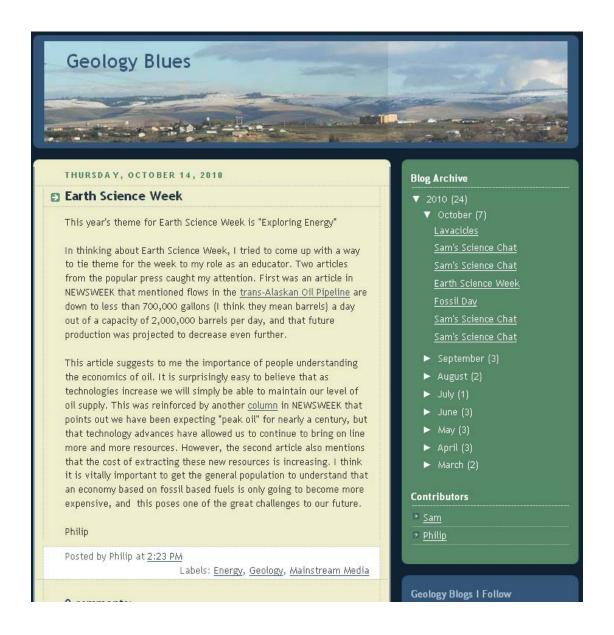
For more details, registration and entry forms, and to receive an Earth Science Week information pack please send this section with your postal or email address (turn over) to:

The Geologi2010 Short Film Competition Geoscience Australia GPO Box 378 Canberra, ACT 2601.

Or contact us on: education@ga.gov.au or (02) 6249 9859

Geology Blues Blog

http://geologyblues.blogspot.com/2010/10/earth-science-week.html



February 12, 2010



February 26, 2010



February 29, 2010



March 16, 2010



April 30, 2010

http://geology.com/news/2010/teaching-resources-for-energy.shtml



May 1, 2010

http://geology.com/news/2010/teaching-about-soil-free-cd-for-educators.shtml



June 1, 2010

http://geology.com/news/2010/national-fossil-day-october-13.shtml



July 22, 2010

http://geology.com/news/2010/earth-science-week-2010-tool-kit-is-ready.shtml



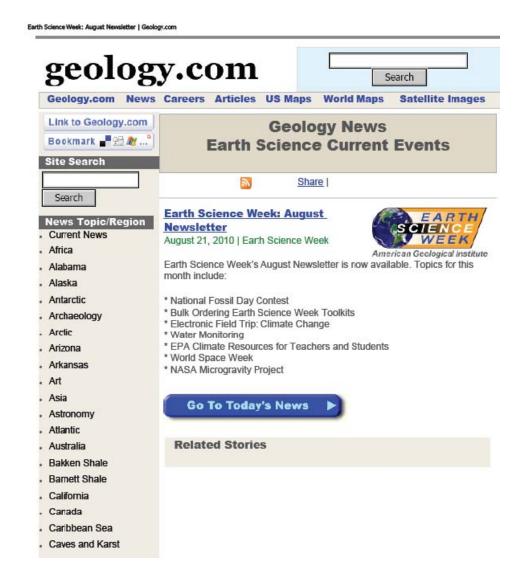
July 25, 2010

http://geology.com/news/2010/earth-science-week-update-july-2010.shtml



August 21, 2010

http://geology.com/news/2010/earth-science-week-august-newsletter.shtml



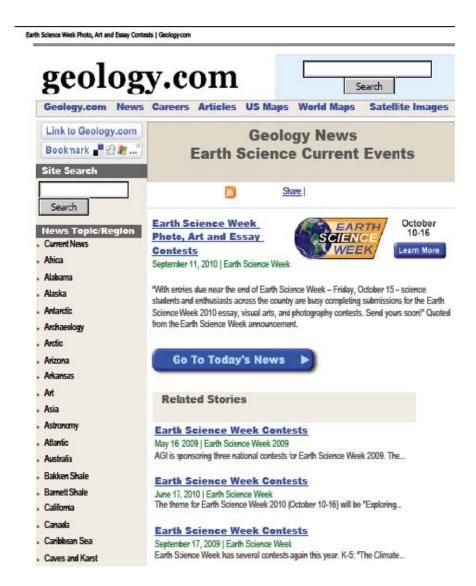
September 10, 2010

http://geology.com/news/2010/earth-science-week-october-10-16-2010.shtml



September 11, 2010

http://geology.com/news/2010/earth-science-week-photo-art-and-essay-contests.shtml



September 12, 2010

http://geology.com/news/2010/get-an-earth-science-week-toolkit.shtml



September 16, 2010

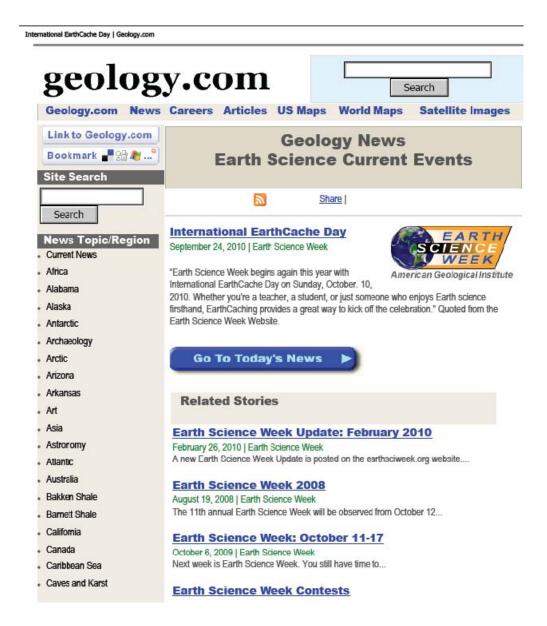
http://geology.com/news/2010/earth-science-week-events-calendar.shtml



Geology.com News

September 24, 2010

http://geology.com/news/2010/international-earthcache-day.shtml



Geology.com News

October 9, 2010

http://geology.com/news/2010/earth-science-week-at-nasa.shtml



Geology.com News

October 11, 2010

http://geology.com/news/2010/eia-energy-kids.shtml



Geoscience Australia

http://www.ga.gov.au/education/public-events/earth-science-week.html

Earth Science Week

What is Earth Science Week?

Earth Science Week is an international celebration promoting the importance and relevance of the Earth sciences to society.

Earth Science Week 2010 will be from the 10-16 October.

What are the objectives of Earth Science Week?

- To give students new opportunities to discover the Earth Sciences
- To highlight the contributions made by Earth sciences to our fives, and our communities
- To pass on the message that Earth science is all around us
- To encourage stewardship of the Earth through an understanding of Earth processes



Related Products

Data and Applications [view all]

Maps [view all]

Publications [view all]

Multimedia [view all]

Projects [view all]

Related Websites

- Earth Science Week
- American Geological Institute
- To provide opportunities for geoscientists to share their knowledge and enthusiasm about the Earth
- To have fun!

What can you do?

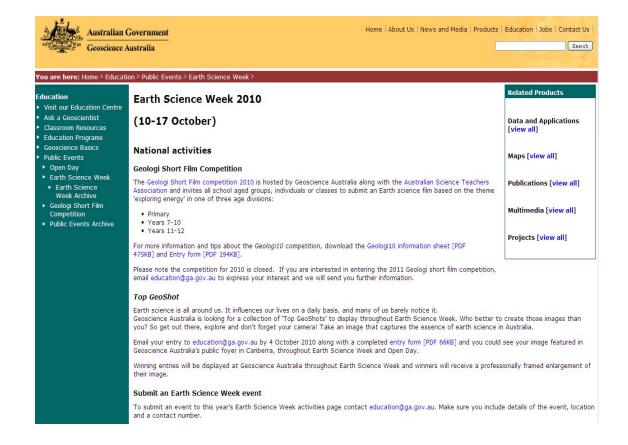
Organise a special activity at your school or celebrate Earth Science Week with:

- · a geoscience activity day
- family activities
- scientific demonstrations
- · photographic displays
- 'geoscience' book displays
- Earth science artwork displays
- science project displays
- teacher workshops
- · public lectures.

To register an event or for more information contact education@ga.gov.au

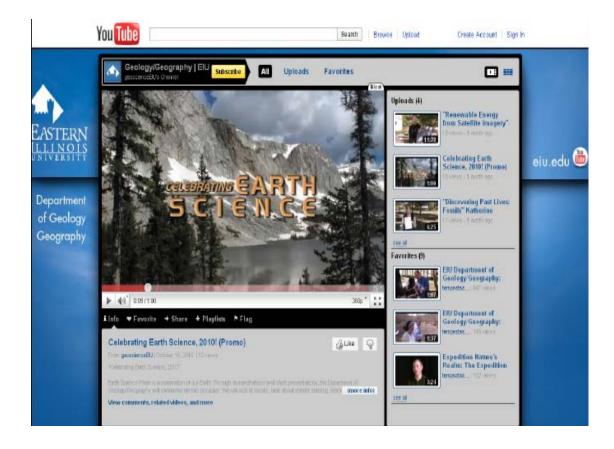
Geoscience Australia

http://webmap.ga.gov.au/education/events/science-week/archive/2010.jsp



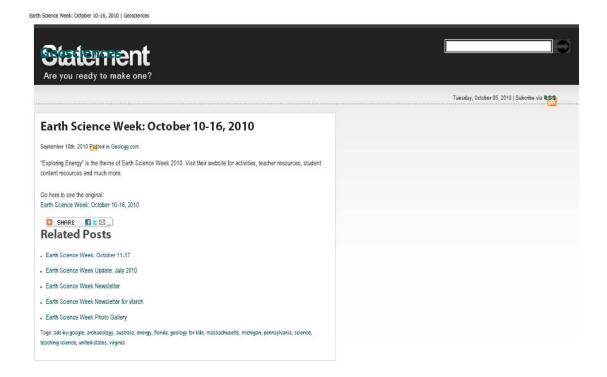
Geoscience-Eastern Illinois University (EIU) on Youtube.com

http://www.youtube.com/user/geoscienceEIU



Geosciences.pk Website

http://www.geosciences.pk/2010/09/10/earth-science-week-october-10-16-2010/



Geosociety (GSA) Twitter

http://twitter.com/geosociety/status/19591128097



- Login
- Join Twitter!

Earth Science Week info: $\underline{\text{http://bit.ly/9PU124}}$ (note: there's even a National Fossil Day this year!) $\underline{\text{10:52 AM}}$ $\underline{\text{Jul 26th via }}$ $\underline{\text{TweetDeck}}$



geosociety

GeoSpectrum Blog

http://www.agiweb.org/geospectrum-blog/2010/08/17/2010-earth-science-week-toolkits-now-available/

GeoSpectrum

News About the Geoscience Profession

« AGI Welcomes Karst Waters Institute as 47th Member Society
Geoscience Currents #38: Geoscience NSF Graduate Fellowships
Quadrupled in 2009 »

2010 Earth Science Week Toolkits Now Available

The Earth Science Week 2010 Toolkit offers students, educators, and the public a wealth of educational materials focusing on the theme of Earth Science Week 2010 (October 10-16): "Exploring Energy." The latest edition of this educational resource is now available through the American Geological Institute (AGI).

This year's Earth Science Week Toolkit contains a theme-related 12-month activity calendar and classroom poster provided by AGI. Along with these traditional Earth Science Week publications, the Toolkit features a variety of educational resources on all forms of energy from AGI member societies, the U.S. Geological Survey (USGS), NASA, the U.S. Department of Energy, the National Academies, ExxonMobil, and many other organizations.

NASA has provided a "Tour of the Electromagnetic Spectrum" DVD with a link to companion resources. The National Park Service has created a poster highlighting the first National Fossil Day to be held in conjunction with Earth Science Week. The National Academies provided a "What You Need to Know About Energy" booklet, while ExxonMobil produced "Outlook for Energy: A View to 2030" to educate the public about energy resources and demand. Learn about biofuels with information supplied by the Soil Science Society of America, and use NASA and NOAA data to complete activities provided by GLOBE. Each two-pound Toolkit also contains bookmarks, information on contests, special promotions, a Rite in the Rain mini-notebook, and much more!

Earth Science Week is an annual event held the second week of October to promote understanding and appreciation of the earth sciences. It is organized by AGI with support from a number of other geoscience organizations including the USGS, the AAPG Foundation, the U.S. Department of Energy, NASA, the National

GeoSpectrum Blog

http://www.agiweb.org/geospectrum-blog/2010/09/14/new-earth-science-week-toolkit-offers-education-resources-in-spanish-and-english/

GeoSpectrum

News About the Geoscience Profession

« Geosciences: Towards a Smarter Economy Webinar GeoConnection Webinar: USGS EDMAP Program - Training the Next Generation of Geoscientists »

New Earth Science Week Toolkit Offers Education Resources in Spanish and English

The SEED Earth Science Week Online Toolkit, a partnership of Schlumberger Excellence in Educational Development (SEED) and the American Geological Institute (AGI), is being launched today to provide earth science education resources in both Spanish and English.

The Web site (http://www.earthsciweek.org/seed/) has been created to provide educational materials, activities, and other resources for Spanish-speaking students and teachers, as well as English speakers, in U.S. and SEED schools around the world. The educational resources featured on the site have been developed by SEED, AGI, and other geoscience organizations and agencies.

Visitors can view dozens of lessons, posters, fact sheets and other materials in Spanish or English. Materials provide users with introductory information on earth science, as well as in-depth items on earth, water, air, and life science.

This introductory effort represents a first step in a process of expanding the reach of Earth Science Week (http://www.earthsciweek.org/) to a wider geoscience education community. Each October, AGI's Earth Science Week program promotes awareness of the importance of the geosciences and stewardship of the planet. Earth Science Week 2010 (October 10-16) will celebrate the theme of "Exploring Energy."

SEED is a volunteer-based, nonprofit education program focused on underserved communities where Schlumberger people live and work. SEED empowers employee-volunteers and educators — including teachers, parents and other mentors — to share their passion for learning and science with students aged 10-18. The SEED learning-while-doing (LWD) methodology draws on the

GeoSpectrum Blog

http://www.agiweb.org/geospectrum-blog/2010/09/30/first-national-fossil-day-to-be-held-during-earth-science-week-2010/



« AGI to Offer New Membership Category: International Associates

AGI Launches EarthNotes »

First National Fossil day to be held during Earth Science Week 2010

The American Geological Institute (AGI) and the National Park Service (NPS) are collaborating to hold the first annual National Fossil Day - October 13, 2010 - during Earth Science Week (October 10-16).

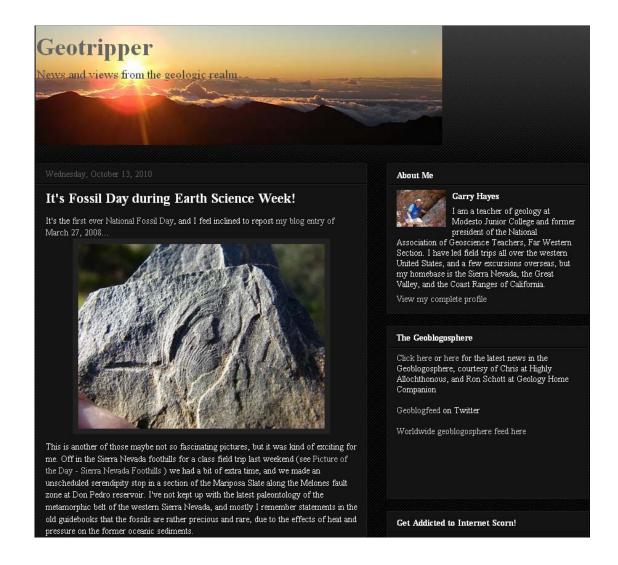
Join paleontologists, educators, and students in fossil-related events and activities across the country in parks, classrooms, and online during National Fossil Day. NPS has developed resources and activities to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. Visit the NPS National Fossil day site at http://nature.nps.gov/geology/nationalfossilday/ for standards-based lesson plans, fossil trading cards, videos, a virtual museum exhibit featuring dinosaurs, and more. Fossil-themed activities are also available in the Earth Science Week 2010 toolkit available at http://www.earthsciweek.org/materials/index.html.

The National Park Service is sponsoring a National Fossil Day Art Contest. Entries should address the theme "Paleontology: Preserving the Past for Our Future." This contest is open to any U.S. resident age five or older. Entries are due October 5, 2010. See complete contest guidelines at http://nature.nps.gov/geology/nationalfossilday/.

In addition to online resources, local events, and contests, NPS and the Smithsonian Museum of Natural History will hold 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 13, 2010. All are invited to learn how to

Geotripper Blog

http://geotripper.blogspot.com/2010/10/its-fossil-day-during-earth-science.html



GIS and Science Website

http://gisandscience.com/2009/10/07/video-using-gis-to-analyze-sea-level-potential-and-temperature-extremes/#comments

ABOUT RESOURCES INTERVIEWS BOOKS BIBLIOGRAPHIES HISTORY ARCHIVES RSS FEED

Video: Using GIS to Analyze Sea Level Potential and Temperature Extremes

Analyzing Sea Level Potential and Temperature Extremes within A GIS Environment. Prepared for Earth Science Week 2010.

Analyzing Sea Level Potential and Temperature Extremes within A GIS Environment.

Prepared for Earth Science Week 2010.

Analyzing Sea Level Potential and Temperature Extremes within A GIS Environment.

Prepared for Earth Science Week 2010.

Analyzing Sea Level Potential and Temperature Extremes within A GIS Environment.

Government of Montserrat Webpage

http://www.gov.ms/?p=4451



Minister Riley officially launches MVO Earth Science Week

30th November, 2010



Minister Colin Riley and Director of the Montserrat Volcano Observatory converse following the official opening of MVO Science Week, (GIU Photo)

BRADES, Montserrat – The MVO kicked off its 'Earth Science Week 2010' with an official launch at the Montserrat Public Library on Monday.

MVO Director Dr. Paul Cole and Head Librarian Sonja Smith both spoke of their pleasure at having the exhibition mounted at the library and the hope that further partnerships benefitting the people of Montserrat could occur in the future.

Minister of Education Colin Riley, a former geography teacher, spoke about the progress being made to expose the youth to such knowledge,

saying he never experienced such exhibits as a child. The minister added that so much more is known about volcanoes in Montserrat, with the everyday lexicon of locals now including words like 'pyroclastic flow' and 'lahar' which were unknown before the eruption.

"This is a far cry from the first time in recorded history when Montserratians experienced ash; although this came from Mt Pelee, Martinique in 1902," Minister Riley told the small gathering.

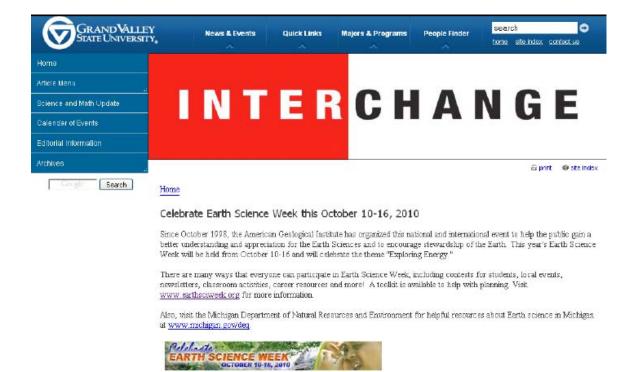


Latest News

3rd December 2010 Deputy Governor Attend the CARICAD

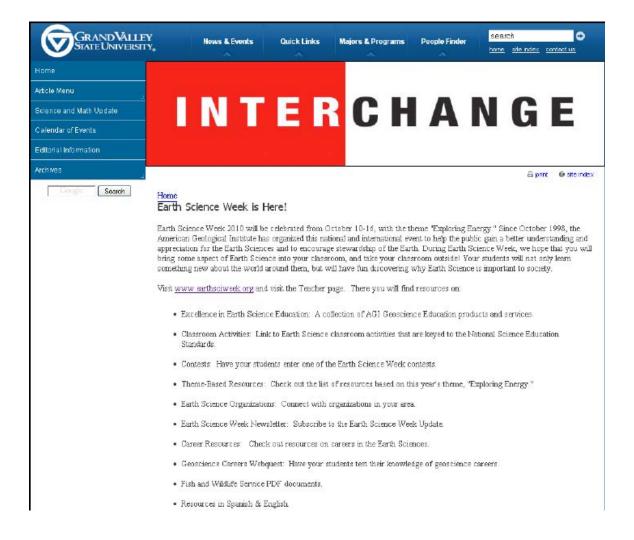
Grand Valley State University Webpage

http://www.gvsu.edu/rmsc/interchange/2010-september-earth-science-week-450.htm



Grand Valley State University Webpage

http://www.gvsu.edu/rmsc/interchange/2010-october-earth-science-week-461.htm



Greenantilles.com

http://www.greenantilles.com/2010/10/07/earth-science-week-at-the-uwi-seismic-research-centre/

GREEN ANTILLES



Articles by Country



earth science week at the uwi seismic research centre

October 7th, 2010



The Seismic Research Centre at the University of the West Indies St. Augustine Campus will be celebrating Earth
Science Week from October 18 – 25, 2010:

his year the SRC is commemorating ESW 2010 with an Educational Earth Science Poster

Gryphon Academy News Blog

http://gryphonacademy.blogspot.com/



Guidetoinnovation.ning.com

http://guidetoinnovation.ning.com/events/earth-science-week

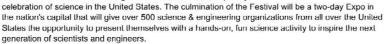


Handsontheland.org

http://www.handsontheland.org/articles/bulletin_details.cfm?ID=301

USA Science & Engineering Festival Washington, D.C. October 10-24, 2010 Expo on the National Mall: October 23 & 24

The Inaugural USA Science & Engineering Festival will be the country's first national science festival and will descend on the Washington, D.C. area in the Fall of 2010. The Festival promises to be the ultimate multi-cultural, multi-generational and multi-disciplinary



Earth Science Week 2010 Exploring Energy October 10-16, 2010

Earth Science Week 2010 will encourage people everywhere to explore the natural world and learn about the geosciences. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community.

For additional information, comments or questions, contact Hands on the Land, Ellen Reid, The Keystone Center, 1628 Sts. John Rd. Keystone, CO 80435, 970-468-2098, ereid@keystone.org



additional information



Desert Discovery Center

Service Learning

Teachers, learn about service learning opportunities and how to become a Take Pride in America School.

more highlights...



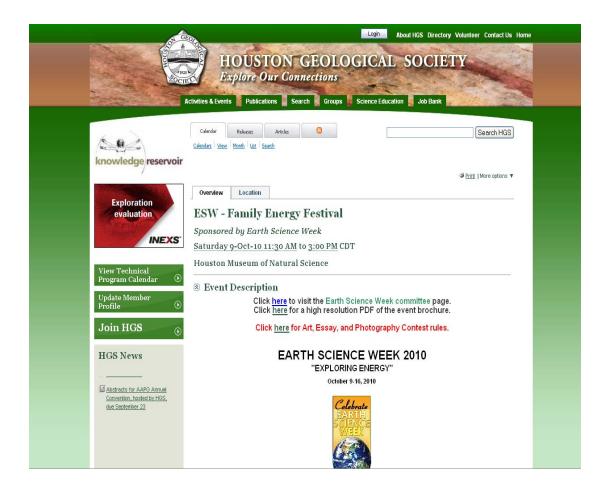
Hazteca.com

http://www.hazteca.com/2010/08/30/nasa-earth-science-week-how-is-the-global-earth.html



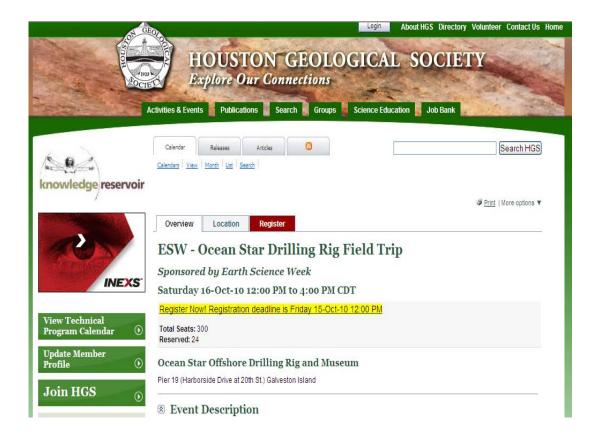
Houston Geological Society

http://www.hgs.org/en/calendarevents/v/1212/



Houston Geological Society

http://www.hgs.org/en/cev/1213



Houston Geological Society

http://www.hgs.org/en/art/2635/



Illinois State Geological Survey

http://www.isgs.uiuc.edu/about-isgs/events/earth-sci-wk.shtml



Governor Quinn Declares October 10-16, 2010, as Earth Science Week in Illinois

The Illinois State Geological Survey is commemorating the Thirteeth Annual Earth Science Week from October 10-16, 2010, with a proclamation from the Illinois Governor, geological science field trips, and the distribution of 50 earth science curriculum packets to secondary school science teachers and other educators. These activities are part of the larger national and international celebration organized by the American Geological Institute (AGI) "to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth." This year's theme is "Exploring Energy." More information about Earth Science Week across the United States can be found at www.earthsciweek.org or www.earthsciweek.org or

The 2010 Earth Week activities fit in well with the Survey's mission to provide the citizens and institutions of Illinois with accurate, objective earth science research and information relevant to the state's environmental quality, economic prosperity, and public safety.

Governor's Proclamation

The Earth Science Week proclamation by Governor Quinn recognizes the importance of earth science to Illinois with these words:

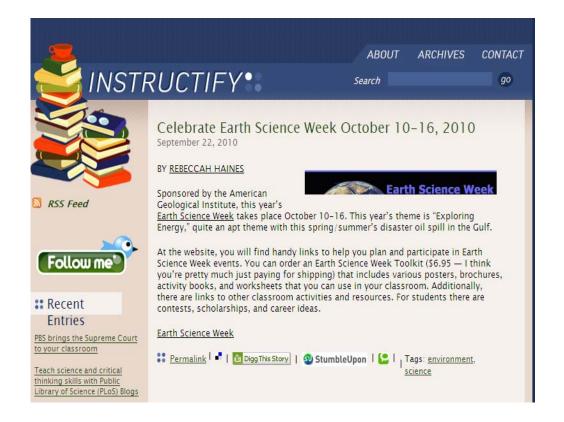
- WHEREAS, the earth sciences, especially geology, are integral to finding, developing, and
 conserving the water, mineral, and energy resources needed for modern society, and
- WHEREAS, the earth sciences provide the basis for preparing for and mitigating the effects of natural hazards such as floods, landslides, earthquakes, volcanic eruptions, sinkholes, and coastal erosion; and
- WHEREAS, the earth sciences are crucial to our understanding of environmental and ecological issues ranging from air and water quality to waste disposal; and
- WHEREAS, knowledge about geological factors regarding earth resources, hazards, and the
 environment are vital to land management and land use decisions at local, state, regional, national,
 international, and global levels; and
- WHEREAS, study of the earth sciences contributes critically important information to our understanding of the natural world; and
- WHEREAS, Earth Science Week, observed annually during the second full week of October, is an
 opportunity to seek a greater understanding and appreciation of the value of earth science research and
 its application and relevance to our daily lives, as well as for science teachers at all levels throughout the
 Land of Lincoln to undertake lessons and activities with their students directed toward the study of earth
 science:



THEREFORE, I, Pat Quinn, Governor of the State of Illinois, do hereby proclaim October 10-16, 2010, as EARTH SCIENCE WEEK in Illinois.

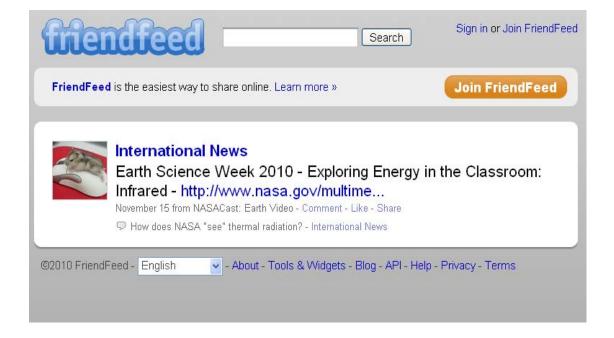
Instructify.com

http://instructify.com/2010/09/22/earthscienceweek-science-environment/



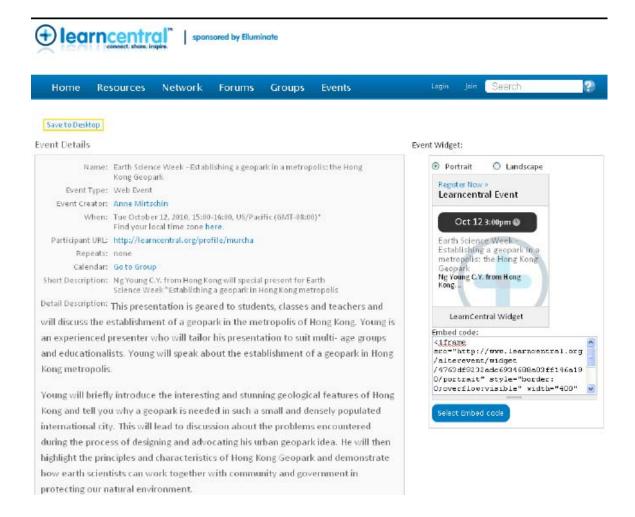
International News on Friendfeed.com

http://friend feed.com/international news/2bdb 8384/earth-science-week-2010-exploring-energy-in



Learncentral.org

http://www.learncentral.org/event/107027



Magma Cum Laude Blog

March 7, 2010 http://magmacumlaude.blogspot.com

Magma Cum Lande: Close to home: The 2010 Ed Roy Award

http://magmacumknide.blogspot.com/2010/03/close-to-home-2...

William & Mary

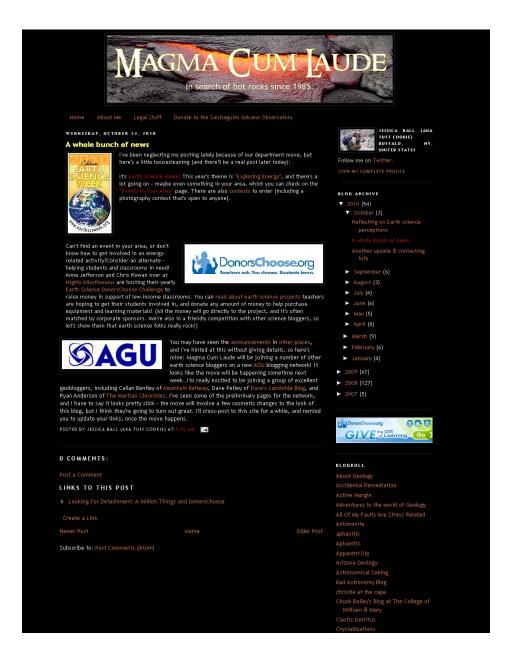
JESSICA BALL (AKA SUNDAY, MARCH 7, 2010 TUFF COOKIE) BUFFALO, NY, UNITED Close to home: The 2010 Ed Roy Award STATES Some great news from Geospectrum - the latest Ed Roy Award winner is Jason Pittman, the lead science resource teacher at Hollin Meadows Elementary School in Alexandria, VA. This Following on Twitter has me completely excited, because Hollin Meadows was the first elementary school I VIEW MY COMPLETE PROFILE attended, and it's literally steps from home. It's a math and science focus school, and it's one of the first places I started getting excited about geology. (I even remember drawing volcanoes on one morning journal exercise...) The Hollin Meadows website has a great section devoted to their science lab, and I'm sure Mr. Pittman had a hand in it, since he's also a top web designer. Have a look! ▼ March (7) The Santiaguito Volcano Here's a little about the award from AGI: Observatory Given annually, the Edward C. Roy, Jr. Award recognizes one classroom teacher from Looking backward: Past kindergarten to eighth grade for his or her leadership and innovation in earth science eruptions at Volcán Santa education. This award is named in honor of Dr. Edward C. Roy, Jr., who was a strong and dedicated supporter of earth science education. Mr. Pittman will be presented with the Edward C. Roy, Jr. Award at the 2010 National Science Teachers Association A Guatemalan Lago Como: Lago National Conference in Philadelphia, Pennsylvania. Other finalists for the 2010 award de Atitlán and its vo... are Greer Lynn Harvell of Clifford C. Meigs Middle School in Fort Walton Beach. Florida, and John Schaefers of Ingomar Middle School in Pittsburgh, Pennsylvania. Close to home: The 2010 Ed Roy Award They haven't updated the main part of their website yet, but the Ed Roy award page has some more into about applying, as well as past winners. If you know anyone who teaches K-12 Watch your step: Field work on earth science and you think they're doing a stellar job, I encourage you to get them to apply for this - it's a great opportunity for recognition! Some better tsunami coverage Everyone at Hollin Meadows must be really proud of Mr. Pittman - and I am, too, even though Back in los Estados Unidos I only have a very loose connection to the school now. It's been a good few months for them February (6) they also hosted the First Lady in Nove er, and had a chance to show off some of the extensive flower and vegetable gardens that make up an important part of their science program. Congrats to Mr. Pittman and Hollin Meadows! ▶ 2009 (67) POSTED BY JESSICA BALL (AKA TUFF COOKIE) AT 12:08 PM ▶ 2008 (127) ≥ 2007 (5) 1 COMMENTS: jason.pittman said... BLOGROLL Wow, Thanks for this nice article, Jessica! We'd love to have you come to Hollin About Geology Meadows and talk with our students. I have a young geologist who'd probably sell her Accidental Remediation little sister to meet you. Email me, if you're back in the neighborhood and can make Active Margin some time for a visit! - Jason Pittman Adventures in the world of Geology MARCH 23, 2010 2:31 PM All Of My Faults Are Stress Related Antimonite Post a Comment aphanitic Aphanitic LINKS TO THIS POST Apparent Dip Create a Link Newer Post Home Older Post Astronomical Seeing Bad Astronomy Blog Subscribe to: Post Comments (Atom) christie at the cane Chuck Bailey's Blog at The College of

2 of 3 3/24/10 11:32 AM

Magma Cum Laude Blog

October 13, 2010

http://magmacumlaude.blogspot.com/2010/10/whole-bunch-of-news.html



Mama Joules Blog

October 10, 2010

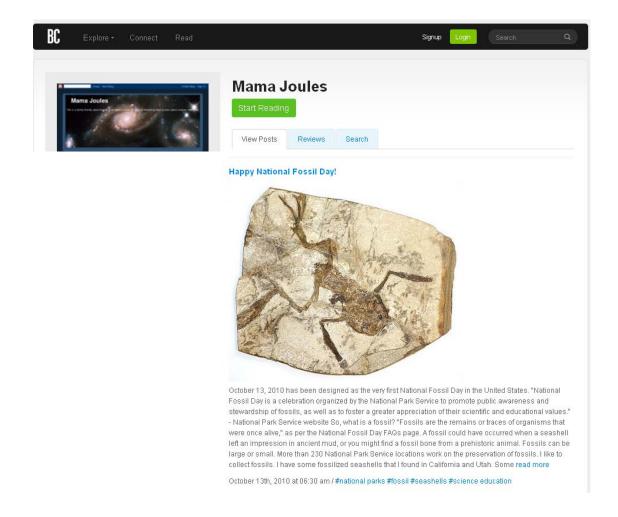
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Mama Joules Blog

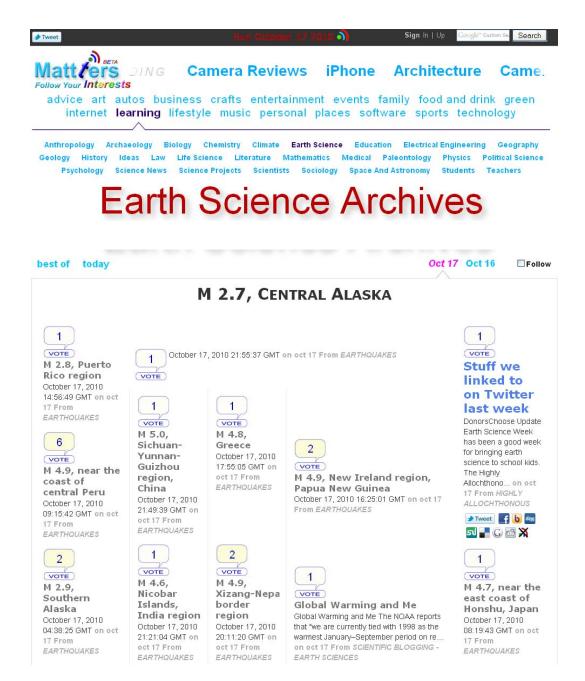
October 13, 2010

http://www.blogcatalog.com/blogs/mama-joules



Mattters.com

http://earth-science.mattters.com/2010/10/17/m-27-central-alaska



McWane Science Center Webpage

http://www.mcwane.org/calendar_items/719-earth_science_week



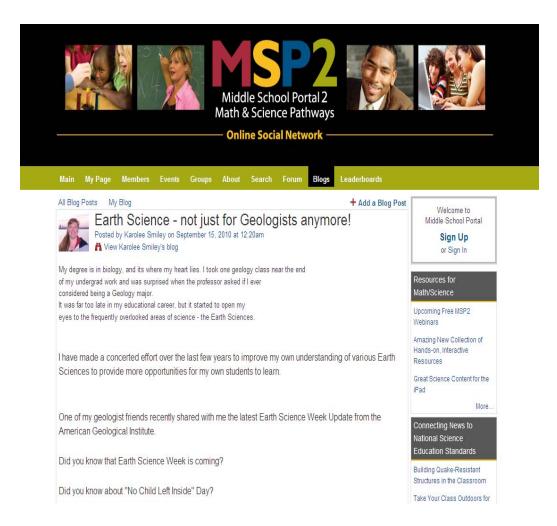
Mefeedia.com

http://www.mefeedia.com/watch/33770442



Middle School Portal

http://msportal-2.ning.com/profiles/blogs/earth-science-not-just-for?xg_source=activity



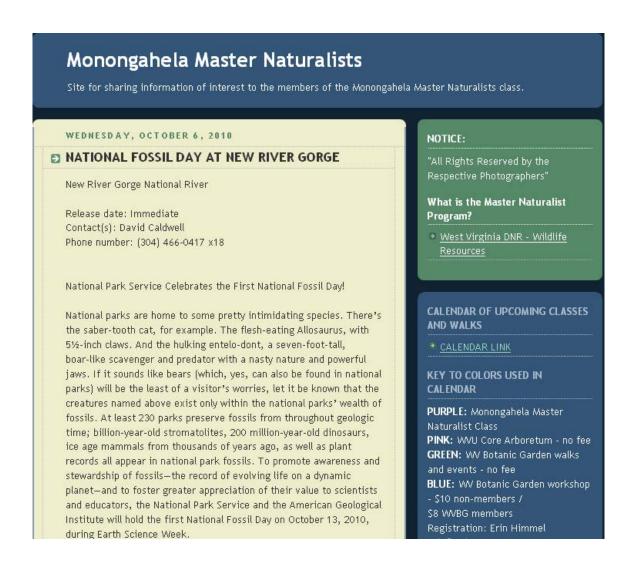
Mojave Environmental Education Consortium (MEEC)

http://www.meeconline.com/earth-science-week-contests/



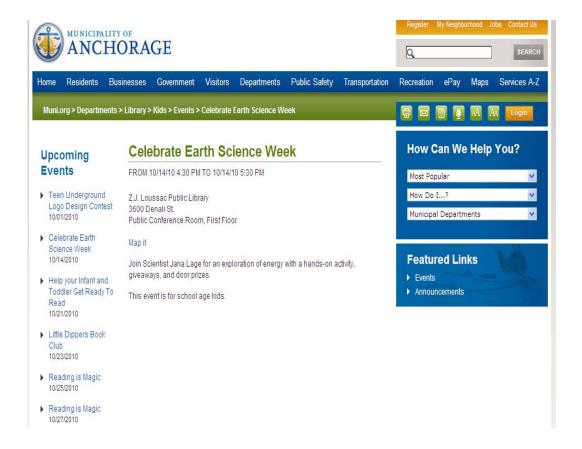
Monongahela Master Naturalists Blog

http://monongahelamn.blogspot.com/2010/10/national-fossil-day-at-new-river-gorge.html



Municipality of Anchorage

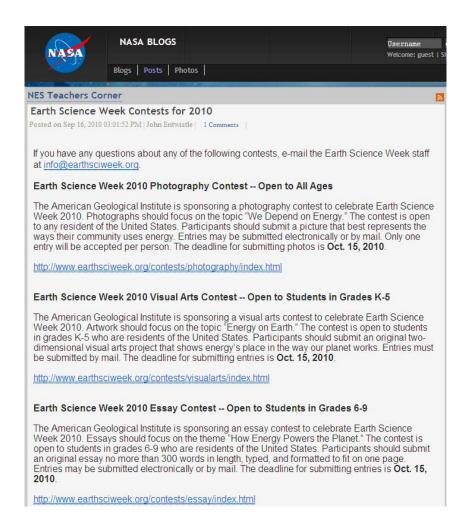
http://www.muni.org/Departments/library/kids/Events/Pages/CelebrateEarthScience Week.aspx



NASA Blogs

September 26, 2010

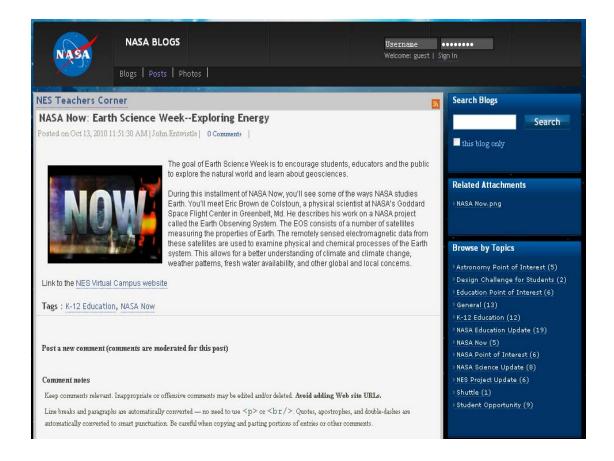
http://wiki.nasa.gov/cm/blog/NES_Teachers_Corner/posts/post_1284663742351.html



NASA Blogs

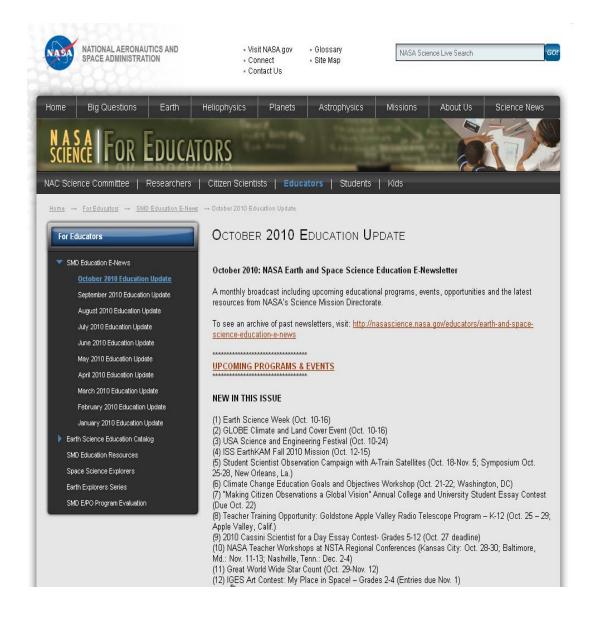
October 13, 2010

http://blogs.nasa.gov/cm/blog/NES_Teachers_Corner/posts/post_1286985146793.html



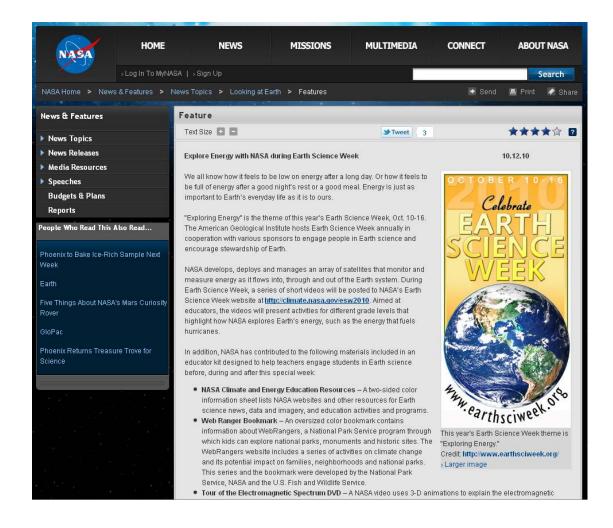
NASA For Educators

http://science.nasa.gov/educators/earth-and-space-science-education-e-news/october-2010-education-update/



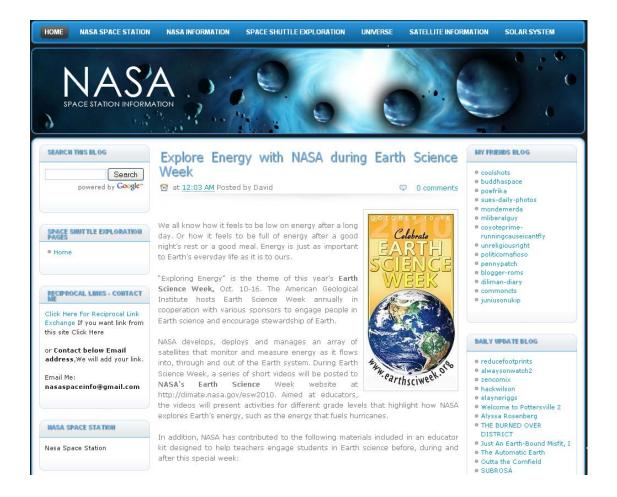
NASA News and Features

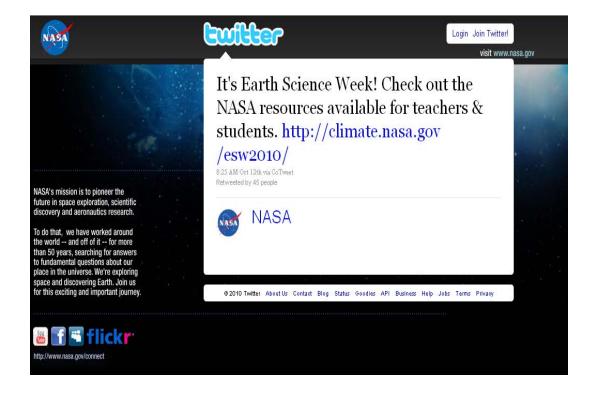
http://www.nasa.gov/topics/earth/features/esw2010.html



NASA Space Station Information Blog

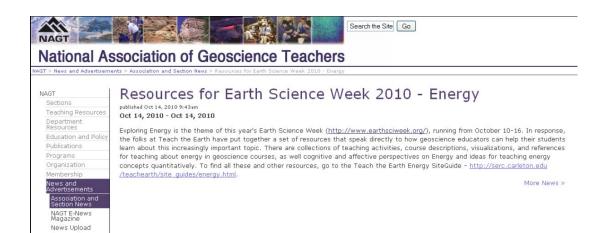
http://nasa-space-info.blogspot.com/2010/10/explore-energy-with-nasa-during-earth.html





National Association of Geoscience Teachers (NAGT)

http://nagt.org/nagt/news/49693.html



National Earth Science Teachers (NESTA)

http://www.nestanet.org/cms/content/sign-2010-earth-science-week-kit



National Park Service U.S. Department of the Interior

Grand Canyon National Park



Earth Science Week National Fossil Day™

Trail of Time Grand Opening Wednesday, October 13, 2:30 p.m.

Join the ribbon cutting at Verkamp's Visitor Center for the world's largest geology exhibit at 2:30 p.m., followed by an informal walk along the trail from 3-5 p.m.



Hermit Trail Fossil Hike Saturday, October 16, 9 a.m. - 2 p.m.

A special ranger-guided hike on the Hermit Trail will stop at three fossil beds. View marine fossils in the Kaibab Limestone near the trailhead, reptile tracks in the Coconino Sandstone approximately 1 mile (and 1000 ft) down the trail, and fern fossils at 1.75 miles (and 1,400 ft) below the rim.

Participants can join the hike for one, two or all three fossil beds, and hike up on their own. Plan on 1 hour to view the Kaibab fossils, 3 hours roundtrip for the Coconino tracks, and 5 hours for the entire hike. The Hermit Trail is very steep. Each participant should wear hiking shoes, and bring water and food. Hiking poles are recommended. Meet at the Hermit Trailhead. To arrive on time for this program, board the free Hermits Rest shuttle bus by 8:00 a.m.

See reverse side for other Earth Science Week programs and activities











National Park Service: Future Dates of National Fossil Day

http://www.nature.nps.gov/geology/nationalfossilday/futuredates.cfm

Future Dates of National Fossil Day $^{\scriptscriptstyle \mathsf{TM}}$

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

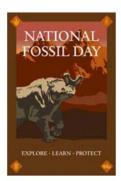
2011 National Fossil Day — October 12

2012 Earth Science Week - October 14-20

2012 National Fossil Day — October 17

2013 Earth Science Week - October 13-19

2013 National Fossil Day — October 16



Use the National Fossil Day logo to promote your NFD events.

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

National Park Service: National Fossil Day Events

http://www.nature.nps.gov/geology/nationalfossilday/events.cfm

National Fossil Day Events

Arizona

Trail of Time Opening and Workshop

The opening of the Trail of Time, a major Geoscience Exhibition at **Grand Canyon National Park**, is scheduled on National Fossil Day. The opening of the 4.56 km (2.83 mile) long geologic timeline trail will be accompanied by a workshop on Geoscience Education in the National Park System October 13-15, 2010.

Learn more...

Colorado

Dinosaur Discovery Day

Join the **Friends of Dinosaur Ridge** on October 16, 2010 from 10am to 3 pm for the free National Fossil Day celebration. Guides will be stationed at the world-famous track site and other fossil sites on the Dinosaur Ridge Trail. At the Visitor



Ranger led fossil education activity at Florissant Fossil Beds National Monument, Colorado. Photo by NPS.

Center activities include free admission to Trek Through Time, a fossil identification table manned by paleontologists, the Allosaurus boulder, the life-size Iguanodon, a dinosaur dig for kids, sifting for microfossils, fossil prepping, and dinosaur track painting with a free track to take home. Several other activities and booths will be associated with Earth Science Week and International Astronomy Day.

For directions or more event information: www.dinoridge.org or tom_moklestad@dinoridge.org.

Massachusetts

The **Harvard Museum of Natural History** announces a week of programs and exhibitions in celebration of Earth Science Week, beginning the week of October 10, 2010. In conjunction, the museum will offer two special programs for the public, and a special Teacher Professional Development program for educators.

Fossil Day at Harvard Museum of Natural History

Wednesday, October 13, from 1:00 -5:00 pm, visitors will find many different hands on activities with real specimens, as we explore the amazing world of fossils, including dinosaurs, Ice Age mammals, and other prehistoric creatures. Discover how fossils form and investigate bones, teeth, claws, and fossilized footprints, looking for clues about prehistoric life. Fossil Day is offered as part of Earth Science Week, encouraging people everywhere to explore the natural world and learn about the geosciences. Free with museum admission.

Family Program: From Trilobites to Extraterrestrials: Exploring Life on Earth and Beyond

Sunday, October 17 at 2:00 pm. Millions of years ago, long before the dinosaurs, many strange organisms roamed the earth and sea. Yet, all that's left are fossils. Join paleontologist Phoebe Cohen (Harvard Ph.D '10), Education and Outreach Coordinator for the MIT NASA Astrobiology Node, as we explore the questions paleontologists and astrobiologists face every day. How do we know if fossils were once living animals? What is life, when did it start, and how do we search for life on other planets such as Mars? Free with museum admission.

North Carolina

Fossil Fair 2010

Fossil Fair 2010 at the **NC Museum of Natural Sciences**, the country's largest educational paleontology event, returns to the museum! Enjoy dozens of incredible exhibits, activities, and presentations about fossils from North Carolina and around the world. Saturday, November 6, 2010 from 9am-5pm.

Learn more.

Texas

The Earth Rocks!!!

The Earth Rocks!!! is a science field day for children that includes activities by The University of Texas McDonald Observatory, Sul Ross State University, the Natural Resources Conservation Service, the Texas Master Naturalists, and the Chihuahuan Desert Gem and Mineral Club. The event takes place at the Chihuahuan Desert Nature Center, October 14, 2010 (program fee charged, participant limit 300).

Learn more.

National Park Service: Park News

http://www.nps.gov/grca/parknews/grand-canyon-national-park-to-celebrate-earth-science-week-october-10-thru-16-2010.htm



National Park Service Worksheet

http://www.nature.nps.gov/Geology/esw/k_a_ws.htm

Earth Science Week in the National Parks



Air Word Search

SYHHRRZFHCNNQJE ETOUIAKCLUO \mathbf{E} CNRARPDIMQ ITJIN BCOAVRMATKSKWW Ε TWOITAIWRT SAPT L QWMT O E CRFΙΤΙ QYEE \mathbb{C} SEAGMMN В F SSAMRIAPONEOVAR RBERMMFRHZE SEEU ONOITCELFERPRRT HUMIDITYIERHSOD ISIBILITYREI S N ODANRO GXEROOI \mathbf{T} V UZFXSDF SZJNENLW D C B N E F N T O Z R G Q P E

Aerosol, Air, Air-mass, Atmosphere, Climate, Emission, Humidity, Hurricane, Inversion, Jet-stream, Radar, Reflection, Refraction, Stratosphere, Tornado, Turbulence, Visibility, Wind



Top | Home | e-mail | Kids

September 7, 2010

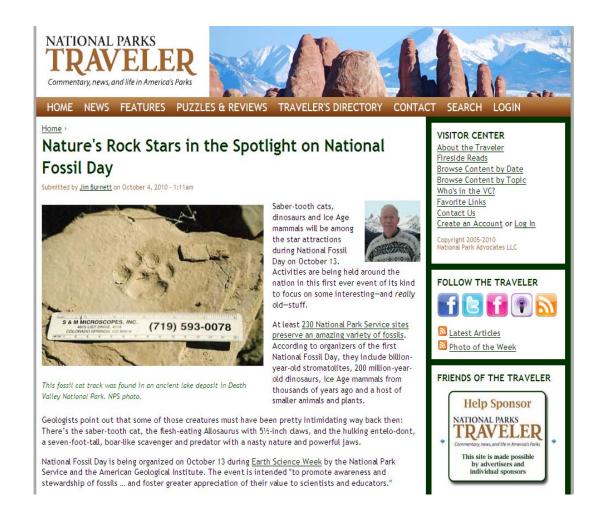
http://www.nationalparkstraveler.com/2010/09/great-excuses-visit-national-park-system-fall6439



<u>Grand Canyon National Park</u>: During Earth Science Week in October, the park will be celebrating <u>National Fossil Day</u> on October 13. For the celebration, the National Park Service created a poster that reflects the more than 230 units of the National Park System that contain fossils. Grand Canyon officials will officially open its <u>Trail of Time</u> on Fossil Day; and have its special guest fossil walk on October 16.

October 4, 2010

http://www.nationalparkstraveler.com/2010/10/natures-rock-stars-spotlight-national-fossil-day7021



October 14, 2010

http://www.nationalparkstraveler.com/2010/10/rare-fossilized-footprints-exhibited-colorado-national-monument7076



Home

Rare Fossilized Footprints Exhibited at Colorado National Monument

Submitted by Bob Janiskee on October 14, 2010 - 1:59am



Colorado
National
Monument
celebrated
National Fossil
Day on



Wednesday, October 13, with the unveiling of an exhibit displaying three sets of fossilized footprints.

The ancient tracks date to the Jurassic Period (145-200 million years ago), the middle period of the "Age of Reptiles." The fossilized footprints in the exhibit include:



Top: Fossilized lizard tracks of a type never found before in Colorado's Morrison Formation. Bottom: Dinosaur track. NP5 photos.

- Turtle tracks discovered in the park in 2005. Footprints of this particular type are extremely rare, having been found at only one other site in North America.
- Intact tracks of a three-toed dinosaur. It is not yet known whether the dinosaur that made these seven-inch long tracks, which were discovered in the park on 16 September 2010, was a carnivore or a plant eater.
- Lizard tracks of a type never before found in Colorado's Morrison Formation, the most fertile source of dinosaur fossils in North America. Like the three-toed dinosaur tracks, these lizard tracks. -- a very exoiting discovery -- were found in the park only very recently. On 22 September 2010, a park employee working along Rim Rock Drive moved a rock and this fossil literally fell out.

Paleontologists John Foster and George Callison, together with geologist William Hood, were on hand during the unveiling to share information about their scientific discoveries. All three

had done extensive research in the park.

The fossilized footprint exhibit will be available for public viewing at the park's visitor center from 9:00 to 5:00 daily through Sunday, October 17.

For additional information about the exhibit, contact Superintendent Joan Anzelmo or Chief of Interpretation Michelle Wheatley at 970-858-3617.

Send to a friend

October 22, 2010

http://www.nationalparkstraveler.com/2010/10/kids-find-darnedest-things-7-year-old-spots-saber-toothed-cat-skull-badlands-national-park7096



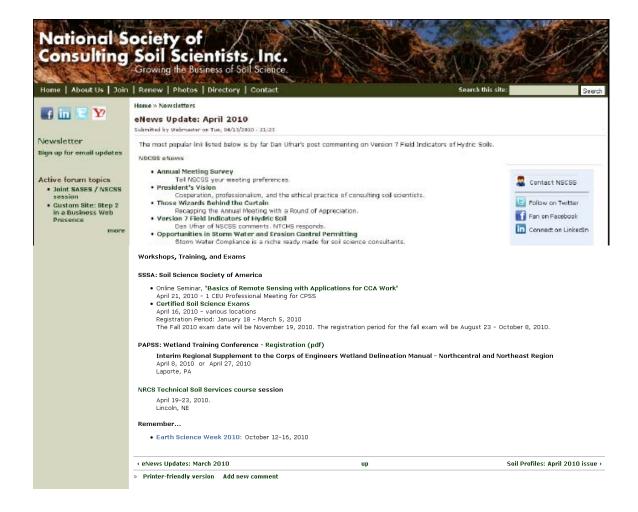
National Science Teachers Association (NSTA)

http://www.nsta.org/publications/calendar/default.aspx?event_ID=8916



National Society of Consulting Soil Scientists (NSCSS)

http://www.nscss.org/node/367



National Wildlife Federation (NWF)

http://www.nwf.org/News-and-Magazines/Media-Center/News-by-Topic/Global-Warming/2010/10-07-10-My-View-Earth-Science-Week-Presents-Energy-Opportunity.aspx



This Earth Science Week, Explore Sustainable Solutions while Discovering Geoscience 10-07-2010 // Jennifer Hammonds, NWF Education Curriculum Specialist

As a former science teacher for grades 5 through 8, I understand the importance of raising energy-literate students who are enthusiastic about learning. The global competitiveness of our nation depends in part upon the way we educate our future leaders.

I strive to be a part of educational reform by meeting the nation's need for environmental education. After 15 years of teaching, I've made the switch from the classroom and now work as a science curriculum specialist for Eco-Schools USA. Operating in 50 countries, this international program provides a free framework for educators to help integrate sustainable principles throughout their schools and curriculum.

The K-12 program focuses on eight pathways to sustainability energy and climate change to name a few. By weaving critical thinking opportunities throughout the framework Eco-schools USA is diligently working to stop the leaks in the STEM education pipeline.

Earth Science Week 2010: An opportunity for awareness

Since 1998, Earth Science Week has taken place across the globe in an attempt to educate the public about geosciences. This year's series of events takes place from October 10 to 16, in celebration of the theme "Exploring Energy". This theme provides an opportunity for students and teachers to learn more about Earth's energy resources, both renewable and nonrenewable, and to explain why schools must monitor and reduce

U.S. school districts spend more than \$7.5 billion per year on energy



Global Warming

Edit and send a message to your senators, asking them for wildlifefriendly climate and clean energy

Speak up now



Nevada Bureau of Mines and Geology

http://www.nbmg.unr.edu/ESW/ESW_10/index.html

NBMG | Earth Science Week



Sign-up Form

Field Trip Waiver

Field Trip Map

Field Trip Road Log

Nevada's Participation in Earth Science Week

National Earth Science Week Website

ESW Toolkit for Educators

NEW!

Tufa-one Sale for Geologic Tourbooks! "In Search of Tufa, Tuff, and Tough Rocks" 2010 Earth Science Week Field Trip October 16 or 17, 2010

Nevada Bureau of Mines and Geology

National Earth Science Week 2010 encourages people everywhere to explore the natural world and learn about the geosciences. Nevada Bureau of Mines and Geology welcomes you to participate in its thirteenth annual Earth Science Week field bip. You will travel in your own personal vehicles, led by geologists, from Reno east on Interstate 80 to Fernley and north to Winnemucca Lake (now a dry lake bed) where we will explore several tarfa formations left exposed around the lake's perimeter following diversion of part of the Truckee River's water for use in the Newlands Irrigation Project. From here we will continue baveing east to the Nightingale Mountains where we will visit the historic Nightingale mining district where tungsten and other minerals were mined in the early 1900s. We will return to Reno via one of two alternate routes, one of which will take us by the historic Bradys Hot Springs on Interstate 80, now used to power a geothermal energy plant, or the other route via Sutcliffe on Pyramid Lake and the Pyramid Highway. Along the way, we will visit several sites where we can examine and collect a wide variety of interesting rocks that help earth scientists unravel the geologic history of the area surrounding Reno and Pyramid Lake.

To celebrate national Earth Science Week 2010, the Nevada Bureau of Mines and Geology is offering a public field trip. We are planning a field trip this year to appeal to people of all ages. Please sign up to attend on either Saturday, Oct 16th, or Sunday, Oct 17th (the same field trip is repeated on two consecutive days). You must sign up (sign-up) online prior to the trip and sign a waiver form: (waiver).

Register for your choice of field trip date online at this site: (sign-up).

Required waiver form at this site: (waiver). Please print out a paper copy, sign and date, and submit prior to the field trip or bring to the field trip meeting place.

This year's ESW field trip participants will meet at and depart from the Nevada Bureau of Nines and Geology's new Great Basin Science Sample and Records Library, located at 2175 Raggio Parkway on the Desert Research Institute campus in Rero. Directions and a map to this facility are at this link: http://www.nbmg.unr.edu/Departments/GBSSRL/docs/GBSSRL_map_directions.pdf.

Nevada Bureau of Mines and Geology

http://nbmg.posterous.com/celebrate-earth-science-week-2010

Celebrate Earth Science Week 2010 - NBMG

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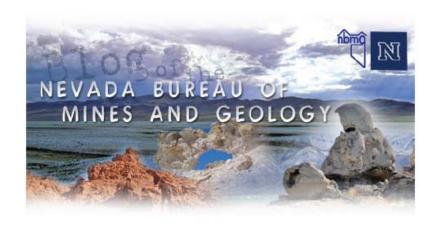
About Me

Nevada Bureau of Mines and Geology, University of Nevada, Reno



Get Updates





Celebrate Earth Science Week 2010

"In Search of Tufa, Tuff, and Tough Rocks"



Field trip dates: October 16 and 17, 2010. The same free field trip is scheduled for both days.

Please visit http://www.nbmg.unr.edu/ESW/ESW_10/index.html to register, view the field trip road log and map, or learn more about Earth Science Week!

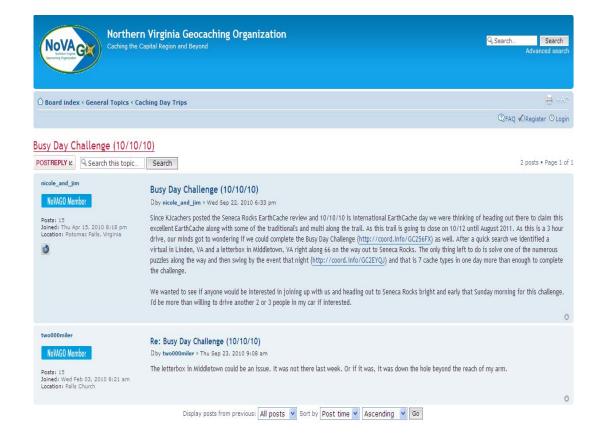
North American Association for Environmental Education (NAAEE)

http://eelink.net/pages/Student+Award+and+Grant+Programs+%28Environmental+Topics%29



Northern Virginia Geocaching Organization (NoVAGO)

http://www.novago.org/forum/viewtopic.php?t=2015



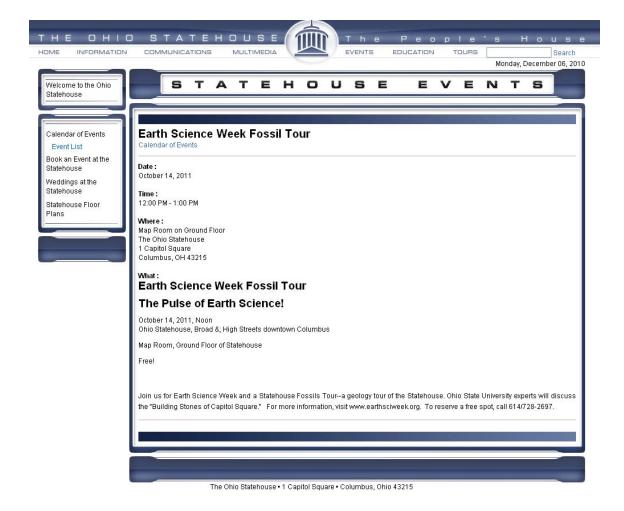
Ohio Department of Natural Resources

http://www.dnr.state.oh.us/www.dnr.state.oh.us/tabid/19007/Default.aspx



Ohio Statehouse

http://www.ohiostatehouse.org/Events/Calendar/Event.aspx?eventId=111107



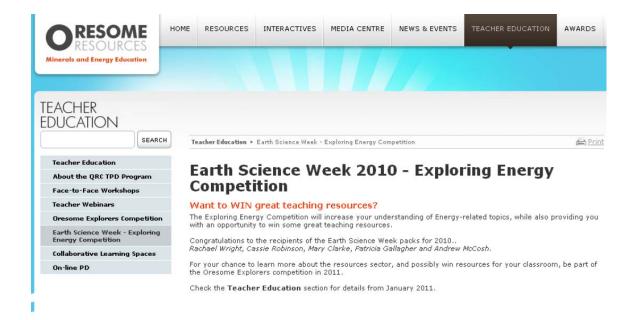
Oregon NASA Space Grant Consortium Blog

http://oregonspacegrant.wordpress.com/2010/10/01/earth-science-week-2010-essay-contest-open-to-students-in-grades-6-9/



Oresome Resources

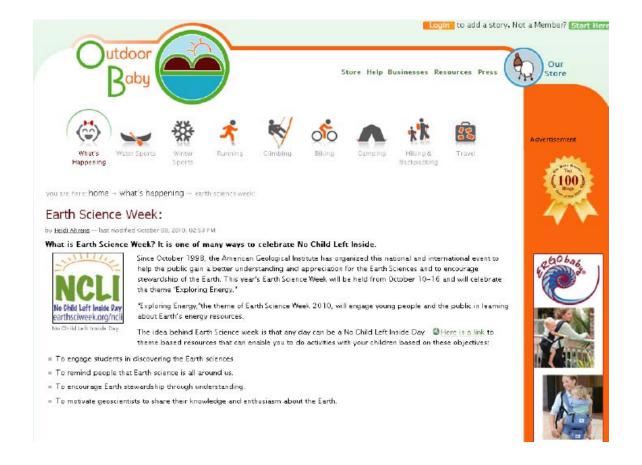
http://www.oresomeresources.com/teacher_education_earth_science_week/section/teacher_education





Outdoorbaby.net

http://outdoorbaby.net/heidis-blog/earth-science-week-1



Parentsconnect.com

http://gocitykids.parentsconnect.com/events/green-mountain-park-lakewood-co-usa/Girl-Scout-Day-Earth-Science-Week-Dinosaur-Ridge/632367

nature & outdoors: Girl Scout Day & Earth Science Week



Share Share

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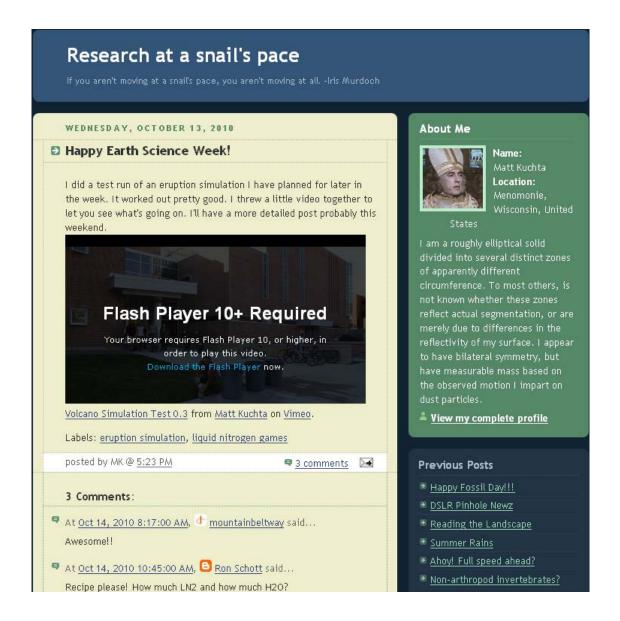
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Discount Discovery Day welcomes all Girl Scouts and celebrates Earth Science Week simultaneously with geology exhibits, hands on discount activities, and concentrative for Secute to corn their backers. The validic is also necessary secure secure resister in advances.

rate and review this event:

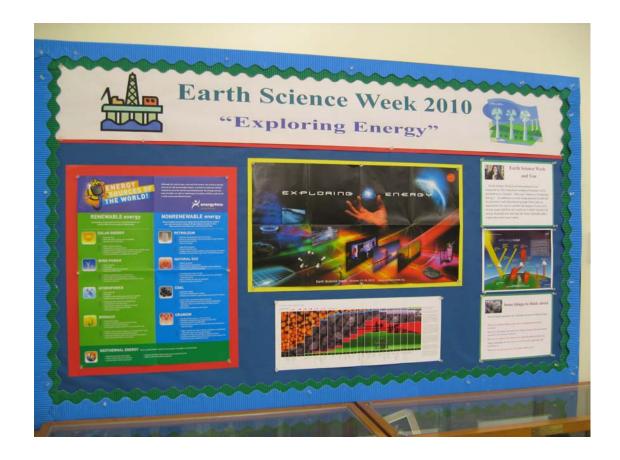
Pascals-puppy Blog

http://pascals-puppy.blogspot.com/2010/10/happy-earth-science-week.html



Penn State Library Poster

http://www.libraries.psu.edu/content/dam/psul/up/emsl/bbdisplays/ESW2010BB.jpg



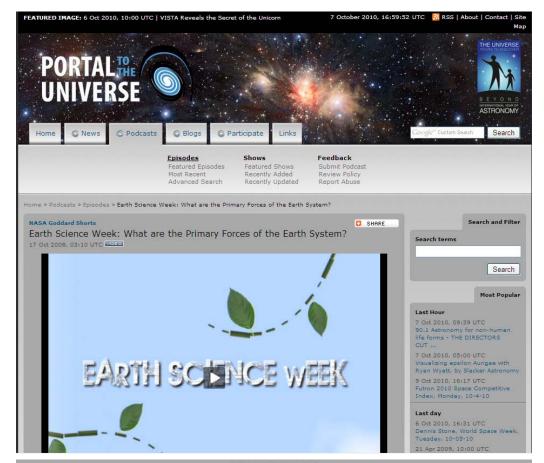
Planetx.co Website

http://planetx.co/2010/10/explore-energy-with-nasa-during-earth-science-week/



Portaltotheuniverse.org

http://portaltotheuniverse.org/podcasts/eps/view/46155/

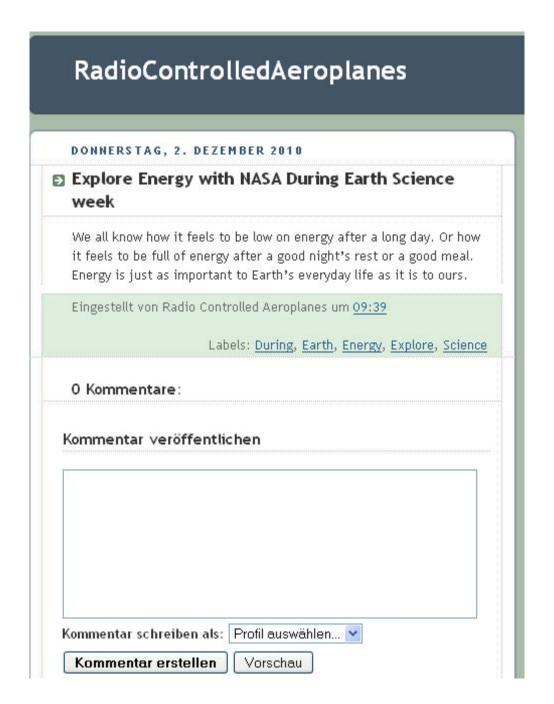


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The sun is the primary force in Earth's climate system. Sunlight warms our world. Sunlight drives atmospheric and oceanic circulation patterns. Sunlight powers the process of photosynthesis that plants need to grow. Sunlight causes convection which carries warmth and water vapor up into the sky where clouds form and bring rain. In short, the sun drives almost every aspect of our world's climate system and makes possible life as we know it.

Radio Controlled Aeroplanes Blog

http://radiocontrolledaeroplanes0.blogspot.com/2010/12/explore-energy-with-nasaduring-earth.html



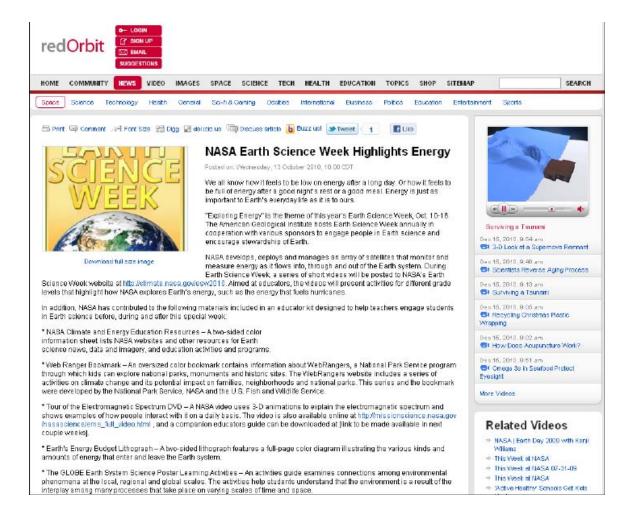
Redorbit.com

http://www.redorbit.com/news/video/science/5/earth_science_week_kick_off/33324/index.html



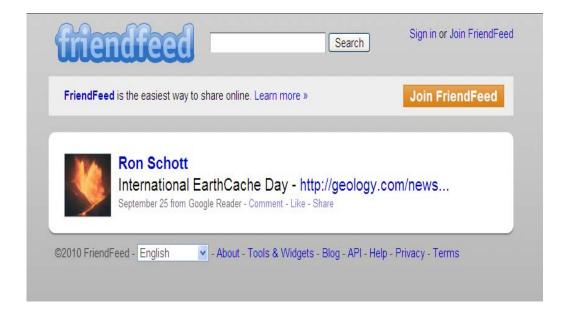
Redorbit.com

http://www.redorbit.com/news/space/1930903/nasa_earth_science_week_highlights_energy/index.html?source=r_space



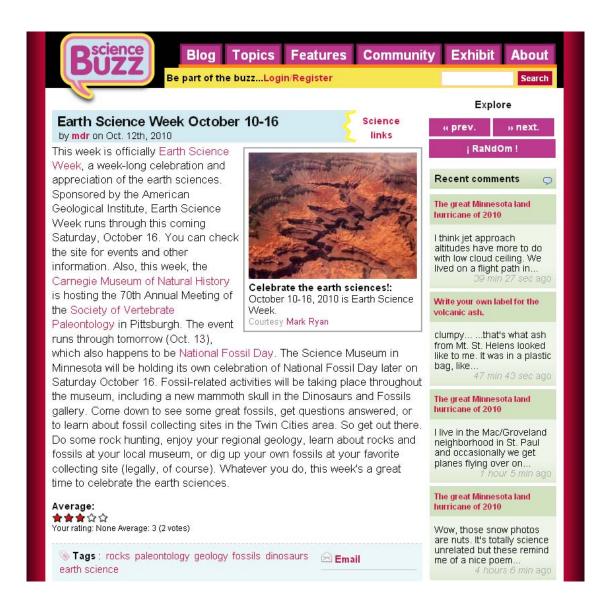
Ron Schott on FriendFeed.com

http://friendfeed.com/rschott/99c813f0/international-earthcache-day



Science Buzz Blog

http://www.sciencebuzz.org/blog/bursts/earth-science-week-october-10-16



Science NetLinks Facebook

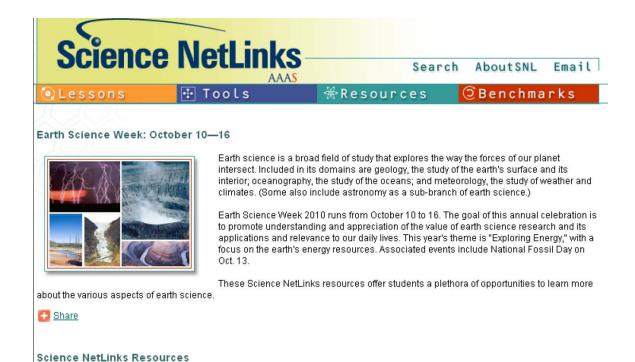
http://www.facebook.com/posted.php?id=122822963502&share_id=109028909161936&comments=1



Science NetLinks Webpage

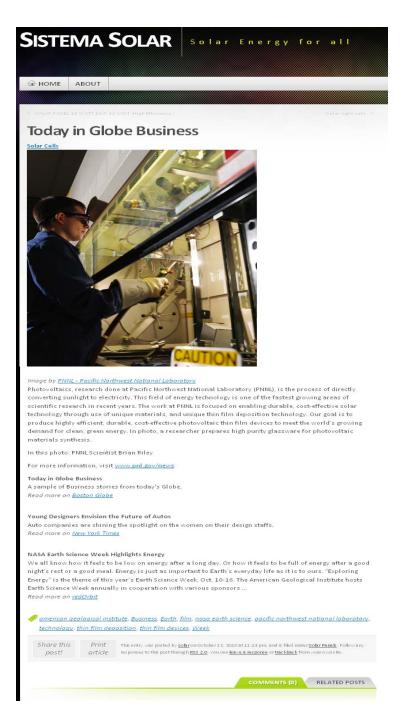
<u>Lessons Tools Science Updates</u> <u>Other Resources Careers</u>

http://www.sciencenetlinks.com/earthscience/



Sistemasolar.ca Website

http://sistemasolar.ca/today-in-globe-business/



Society of Vertebrate Paleontology

http://www.vertpaleo.org/news/permalinks/2010/08/03/Celebrate-the-First-Annual-National-Fossil-Day-USA-on-October-13-2010/

Celebrate the First Annual National Fossil Day™ USA on October 13, 2010

Dear SVP Members,

The U.S. National Park Service (NPS) and the American Geological Institute (AGI) are partnering to host the first annual National Fossil Day™ on October 13, 2010 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.

We realize that many of our SVP members will be in Pittsburgh on October 13 celebrating the study of vertebrate fossils at the annual SVP meeting. We ask that you please inform your institutions, colleagues, and communities about National Fossil Day™ so that they have the opportunity to plan and/or participate in events that celebrate the significance of fossils during Earth Science Week.

Follow the links below to find out more about National Fossil Day™ and the programs being held in celebration of fossils and their preservation on U.S. public lands. If you live in the USA, please consider asking your institution to officially endorse National Fossil Day™. You may also contribute information to the NFD Web site about celebrations taking place at your institution or in your community.

Find out more about National Fossil Day™.

Find a list of National Fossil Day™ Activities or to contribute an event to the Web site.

Thanks

Robin Whatley and Stuart Sumida Co-chairs SVP Education & Outreach Committee

See Whats Happening at the SVP Annual Meeting on National Fossil Day

Open Forum Discussion of the U.S. Paleontological Resources Preservation Act (PRPA) of 2009

Wednesday, October 13, over the lunch hour

Location: David L. Lawrence Convention Center, East Lobby

The SVP has long been an advocate and was instrumental in the enactment of Paleontological Resources Preservation (PRP) legislation, the new authority for permitted and non-permitted collection of paleontological resources on applicable U.S. Federal lands. It became law (PL 111-11) under the Omnibus Public Land Management Act (OPLMA) in March 2009.

U.S. Federal agency representatives invite questions and concerns about the OPLMA-PRP. A panel of Federal employees will provide background information and facilitate discussion during an open microphone session.

NOTE: Boxed lunches will be available for purchase in advance when registering for the meeting. Boxed lunches cannot be purchased on site.

Organizers: Lucia Kuizon National Paleontologist Bureau of Land Management Ikuizon@blm.gov

Bruce A. Schumacher Regional Paleontologist USDA Forest Service baschumacher@fs.fed.us

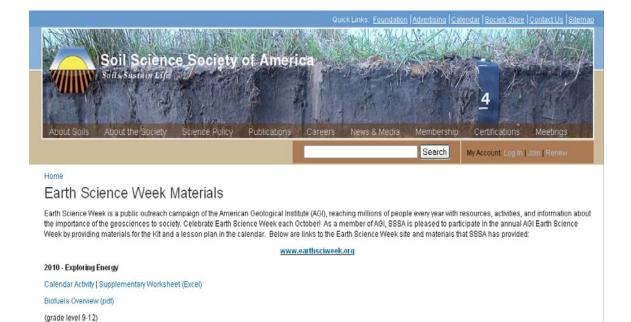
Barbara A. Beasley Regional Paleontologist USDA Forest Service babeasleyr@fs.fed.us

Vincent L. Santucci National Park Service vincent_santucci@nps.gov

CATEGORIES: SOCIETY NEWS AND EVENTS

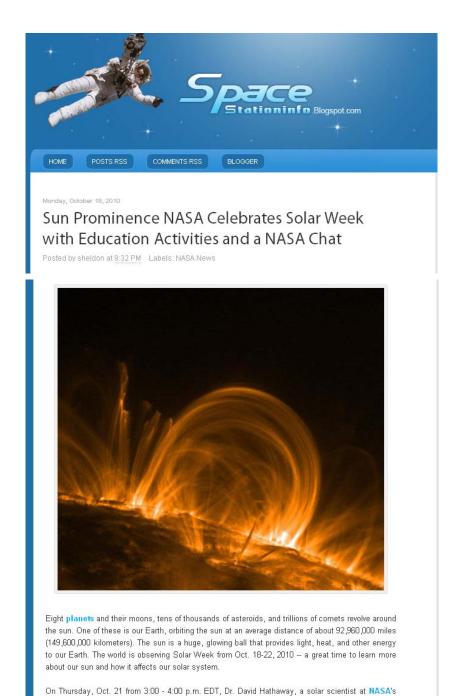
Soil Science Society of America (SSSA)

https://www.soils.org/earth-science-week-materials



Space Station Info Blog

http://spacestationinfo.blogspot.com/2010/10/sun-prominence-nasa-celebrates-solar.html



Marshall Space Flight Center, will answer your questions about our sun; how it works, why it has cycles and how it produces solar phenomena -- such as sunspots, solar flares and solar storms.

Superoceras Blog

October 10, 2010

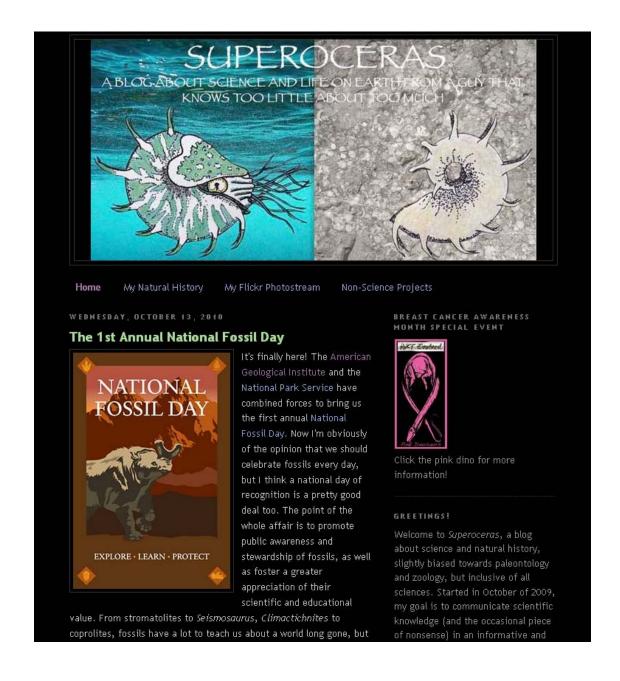
http://superoceras.blogspot.com/2010/10/earth-science-week-454-billion-years-in.html



Superoceras Blog

October 13, 2010

http://superoceras.blogspot.com/2010/10/earth-science-week-454-billion-years-in.html



Sustainablelivinginhawaii.com

http://environment.sustainablelivinginhawaii.com/269/nasa-earth-science-week-climate-change-the-global-ocean/

Sustainable Environment

Stewardship for the planet and environment

NASA | Earth Science Week: Climate Change & The Global Ocean

by DON CHILD on AUGUST 23, 2010



"Climate Change and The Global Ocean" is the first episode in the six-part series "Tides of Change", exploring amazing NASA ocean science to celebrate Earth Science Week 2009. To find out more visit climate.nasa.gov Want more? Subscribe to NASA on iTunes! phobos.apple.com Or get tweeted by NASA: twitter.com We know climate change can affect us, but does climate change alter something as vast, deep and mysterious as our oceans? For years, scientists have studied the world's oceans by sending out ships and divers, deploying data-gathering buoys, and by taking aerial measurements from planes. But one of the better ways to understand oceans is to gain an even broader perspective – the view from space. NASA's Earth observing satellites do more than just take pictures of our planet. High-tech sensors gather data, including ocean surface temperature, surface winds, sea level,

Teachingwithcontests.com

July 26, 2010

http://teachingwithcontests.com/?p=1952





The American Geological Institute (AGI) is sponsoring three national contests for Earth Science Week 2010. The photography, visual arts, and essay contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes.

Photography Contest (open to all ages)

"We Depend on Energy"

If you wanted to explain how the people in your local area rely on energy resources, what image would best illustrate this? No matter where you are, energy affects - and is affected by - the ways people live their lives. Use your camera to capture your community's use of energy.

Visual Arts Contest (grades K-5)

"Energy on Earth"

Where does energy come from? How do people use energy where you live? And what are some of the ways people find and study energy resources around the world? Talk about these questions at school and at home. In your poster, show energy's place in the way the planet works.

Essay Contest (grades 6-9)

"How Energy Powers the Planet"

How does the Earth system - natural processes linking the atmosphere, hydrosphere, geosphere, and biosphere - produce energy? What effect does human use of energy have on the Earth system? Write an essay exploring the ways energy interacts with the Earth system and - how people can be efficient, responsible stewards of the planet's energy resources.

The winners will each receive \$300 and a copy of AGI's Faces of Earth DVD. The names of the winners and finalists will be posted on the Earth Science Week web site. The winning photograph will also be used on the Earth Science Week web site.

All entries are due October 15, 2010.

TeachingwithContests.com

October 7, 2010

http://teachingwithcontests.com/?p=2094



"Tell me and I'll forget, Show me and I'll remember. Involve me and I'll understand." - Confucius



Earth Science Week 2010 (October 10-16) is celebrating the theme "Exploring Energy" by promoting awareness of the science behind this timely topic.

Next week, Earth Science Week kicks off a series of earth science events with "Get Energized" at Baltimore 's Maryland Science Center from noon to 2 p.m. on Sunday, October 11. This event will allow hundreds of Maryland Science Center visitors to learn about energy in a science fair setting from presenters such as NASA, the National Park Service, The NEED Project, ExxonMobil, and the American Geological Institute (AGI).

Earth Science Week 2010 also includes other exciting educational events:

- * No Child Left Inside Day (Tuesday, October 12) encourages young people to explore geoscience outdoors.
- * The first annual National Fossil Day (Wednesday, October 13) promotes awareness of paleontology through our national parks.
- * Women in the Geosciences Day (Thursday, October 14) introduces young women to opportunities in earth science.
- * In addition, local events are being organized nationwide by schools, universities, museums, science centers, nonprofit groups, and government agencies.

Earth Science Week reaches more than 40 million people each year with information, activities, and resources to promote better understanding of the geosciences and stewardship of the planet. The celebration is hosted by AGI, a nonprofit

Tags

Art ContestForTeachers
Deadline Apr 2009 Deadline Apr
2010 Deadline Dec 2009 Deadline
Feb 2009 Deadline Feb 2010
Deadline Jan 2009 Deadline Jan
2010 Deadline Jun 2009 Deadline
Jun 2010 Deadline Mar 2009
Deadline Mar 2010 Deadline May
2009 Deadline May 2010 Deadline
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Deadline Oct 2010 Early Bird

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Contest K-12 KidsWhoThink

Library Math Media Middle

School Music
National Contest

Photography Reading Regional Contest Scholarship

Science Social Studies

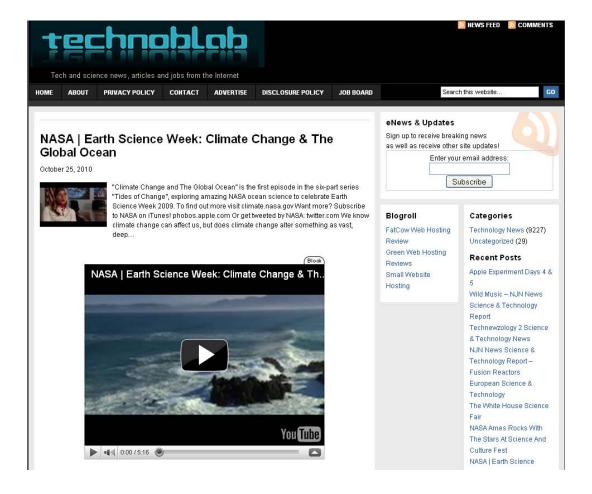
Techlearning.com

http://www.techlearning.com/article/33380



Technoblab.com

http://www.technoblab.com/2010/10/25/nasa-earth-science-week-climate-change-the-global-ocean-528/



The Globe Program

http://globe.gov/news/archive/2010/9



Home

About GLOBE

Explore Science

What's New?

Classic GLOBE

Sep 2010 News Archive

North America Regional Office on the Washington Mall



09/30/10 16:15 MDT - The North America Regional Office will represent GLOBE at the U.S. Science & Engineering Expo on the National Mall and surrounding areas on 23 - 24 October, partnering with the Ingenuity Center at the University of Texas at Tyler in presentation of GLOBE materials for the general public. The Expo is the pinnacle event of the inaugural <u>USA Science & Engineering Festival</u> to be held in the greater

Washington D.C. area 10 - 24 October 2010 and is a collaboration of over 500 of the nation's leading science and engineering organizations. Be sure to drop by the NASA/NOAA booth on the Mall if you are in Washington D.C. on 23 - 24 October!

Full Article | Posted September 30, 2010 with tags: NorthAmerica, STEM

Celebrate Earth Science Week

09/01/10 12:00 MDT - Celebrate Earth Science Week October 10-16, 2010. This year's theme is Exploring Energy. Earth Science week encourages people everywhere to explore the natural world and learn more about Earth sciences. Visit the very useful Earth Science Week website to obtain ideas for celebrating this international event. Order an Earth Science Week 2010 Toolkit while supplies last. See the Earth Science Week Events Page for a complete list of international events by country that were celebrated in 2009, to give you ideas about how you can become involved in 2010.

Full Article | Posted September 1, 2010 with tags: SCRC

The Globe Program

http://globe.gov/news/articles/earth-science-week-update



Home About GLOBE Explore Science What's New? Classic GLOBE

lews Events Stars

Earth Science Week Update

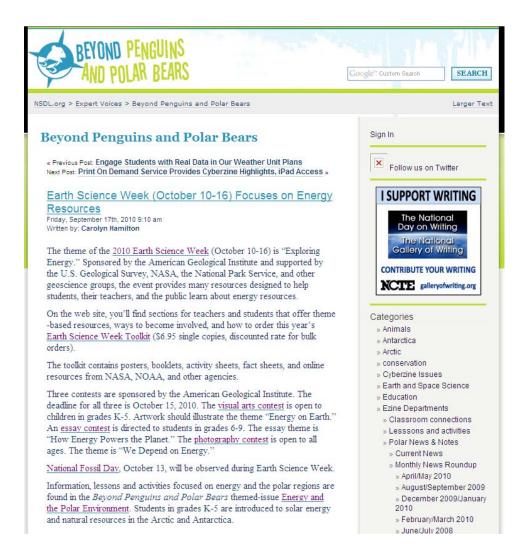
09/01/10 12:00 AM MDT - American Geological Institute (AGI) is sponsoring three exciting U.S. contests for Earth Science Week 2010. Photography, visual arts, and essay contests - all focused on the theme of "Exploring Energy" - allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes. The photography contest, open to all ages, focuses on "We Depend on Energy." The visual arts contest, titled "Energy on Earth," is open to students in grades K-5. Students in grades 6-9 are eligible to enter the essay contest: "How Energy Powers the Planet."

Essays of up to 300 words should describe how Earth system processes develop energy resources, how human use of energy affects the Earth system, and how people can be responsible stewards of Earth's energy resources. Entries may be submitted any time up to the Friday of Earth Science Week, 15 Oct 2010. The first-place prize for each contest is \$300 and a copy of AGI's "Faces of Earth" 2-DVD package. To learn more about these contests, including how to enter, visit www.earthsciweek.org/contests.

Posted September 1, 2010 with tags: FundingOppsUSA

The National Science Digital Library

http://expertvoices.nsdl.org/polar/2010/09/17/earth-science-week-october-10-16-focuses-on-energy-resources/



Through the Sandglass Blog

http://throughthesandglass.typepad.com/through_the_sandglass/2010/10/earth-science-week-and-earth-science-literacy.html



October 12, 2010

Earth Science Week and Earth Science Literacy



It's Earth Science Week again, stimulated and coordinated by the AGI:

Since October 1998, the American Geological Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year's Earth Science Week will be held from October 10-16 and will celebrate the theme "Exploring Energy."

This time last year I connected this with the Earth Science Literacy Initiative, again an American program funded by the National Science Foundation, and I put together, inevitably, a discussion of how sand illustrates the "Big Ideas" documented by that initiative. I would like to think that, today, one year on, it would be possible to document progress in awareness and literacy, but I fear that it's not. If anything, on both sides of the Atlantic, it's got worse. The events surrounding "climategate" and its repercussions have profoundly damaged trust in science, in the UK research funding is about to be dismembered, anti-intellectualism is a vote-catcher in the bizarre corners of the US midderm elections, and news headlines continue to rely on fear and over-simplification. Yet the means by which the voices of science and scientists can create a meaningful riposte to all this remain elusive. And yet who could dispute the statement from the Earth Science Literacy initiative that:

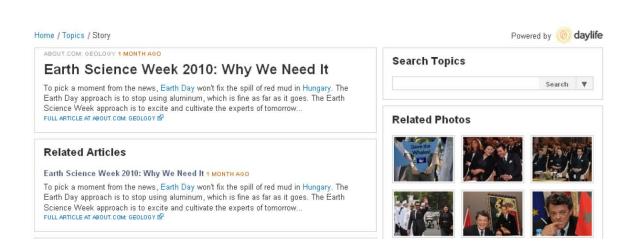
An Earth-science-literate public, informed by current and accurate scientific understanding of Earth, is critical to the promotion of good stewardship, sound policy, and international cooperation. Earth science education is important for individuals of all ages, backgrounds, and nationalities.



Treehugger.com

http://topics.treehugger.com/article/0b4qc6PgGk4Mn





Uncovered Earth Blog

http://uncoveredearth.com/2010/10/10/happy-earth-science-week-2010/

Uncovered Earth

A blog about adventure, education, and



← Of Pillars and Postpiles

Happy Earth Science Week 2010!

Posted on October 10, 2010 by michaelklaas



Fall is a great time to get out and enjoy the world! Take a hike, visit a museum, and take some time to contemplate the environment near your home. What do you take for granted? What do you usually overlook?

For me, I often get too busy and fail to appreciate and spend time in Portland's many parks, large and small. Portland has over 8,100 acres of green space that you can enjoy. The most renowned are <u>Washington Park</u>, and <u>Forest Park</u>, of course, but there's also <u>Oak's Bottom</u>, <u>Laurelhurst Park</u>, and <u>Cathedral Park</u>; all among my favorites.



Your Humble Host, Michael Klaas

Tweeted Thoughts

- Great collection of stories from Backpacker Magazine. Editor picks his top 10: http://bit.ly /9g67AK-2 days ago
- The closet is a toxic environment. Come out and introduce yourself to those of us who will love you just as you are. We're out here. #LGBTQ — 2 days ago
- D-oh. My little stash of kona coffee has run out. Looks like it's back to Trader Joes schlock for me this morning. — 3 days ago

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- Dave's Landslide Blog
 Earth Learning Idea
- Ecotrope
- Eruptions

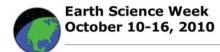
Usasciencefestival.org

http://www.usasciencefestival.org/2010festival/expo/exhibits?track=9&age=&keyword=&qexhibits



USGS Energy Education

http://energy.usgs.gov/energy_esw.html







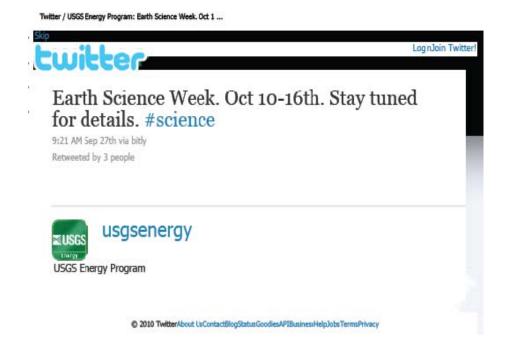
"Exploring Energy,"the theme of Earth Science Week 2010, will engage young people and the public in learning about Earth's energy resources

Learn More: Earth Science Week 2010

Share |

USGS Energy Program Twitter

http://twitter.com/usgsenergy/status/25701074734





Celebrate Earth Science Week with the UC Davis Tahoe Environmental Research Center!

Earth Science Week promotes understanding and appreciation of Earth sciences with a focus on Earth's energy resources

Wednesday, October 13, 2010 Date:

Time: $3-6 \, \text{p.m.}$

Location: Rooms 139 & 141 Tahoe Center for Environmental Sciences,

291 Country Club Drive, Incline Village, Nevada

Contact: For details contact (775) 881-7560, ext. 7474

There's something for everyone!

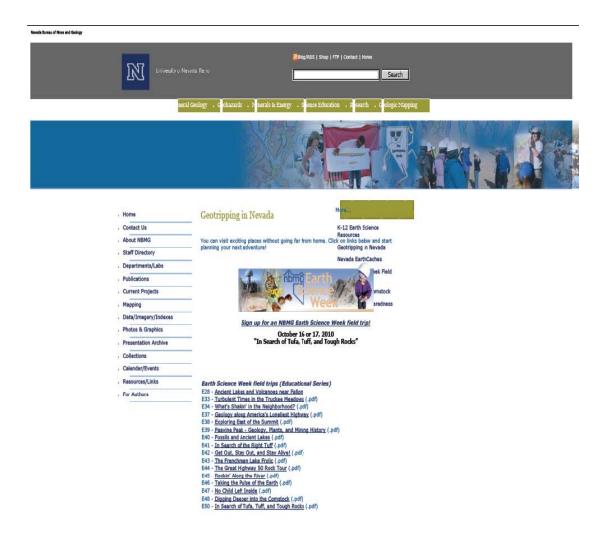
- ★ Hands-on science activities for kids ages 8 ★ 3-D Visualization Lab Presentations (3:30) and up (3-5 p.m.)
 - Climate Change Game
 - Carbon Cycle Game
 - Cookie Mining Activity
 - Global Climate Interactive Quiz
 - 10 Things You Never Knew About
- ★ Earth Science Short Films (ongoing)
 - How the Earth Was Made
 - NASA Climate Change

- and 4:30 p.m.)
 - 3D Earthquake Viewer
 - 3D Flight Around Lake Tahoe
- * Green Building Tour (4 p.m.)
- * Interactive Presentations (5 p.m.)
 - Energy Flows, Matter Cycles, Life
 - Earth's Energy
 - The Carbon Cycle
 - · The Green House Effect



University of Nevada, Reno

http://www.nbmg.unr.edu/ScienceEducation/Geotripping.html



NOAA NWS Caribbean Tsunami Warning Program participates in 2010 Earth Science Week Open House at UPRM

On October 22, 2010, the NOAA NWS Caribbean Tsunami Warning Program (CTWP) joined the celebration of the Earth Science Week of the "American Geological Institute" (AGI) participating in the Open House: "¡Exploremos la Energia!" ("Exploring Energy!"). This educational activity was organized by the Puerto Rico Seismic Network and the Geology Department of the University of Puerto Rico at Mayagüez. Over 1000 high school students came eager to learn with their teachers and parents. The CTWP carried out several activities. It distributed educational materials to the participants and presented tsunami animations and videos. All the students were especially excited to receive the NOAA Tsunami Sources Icosahedron Globe. Nevertheless, the biggest highlight was the CTWP tsunami wave tank that was constructed for this event. This model consisted of a wooden box filled with water and sand. an acrylic window, an incline plane, and doll houses and cars. It was used to visually explain tsunami concepts such as wave formation, propagation and coastal flooding. In addition to the CTWP, over 50 other exhibitors participated in the activity including the Puerto Rico Seismic Network, the NOAA TsunamiReady Program, the Geology Department at UPRM, the National Weather Service Weather Forecast Office of San Juan, the US Geological Survey, the Caribbean Coastal Ocean Observing System (CariCOOS), Campus Verde, and UPRM student organizations.



Fig. 1 The booth of the NOAA NWS Caribbean Tsunami Warning Program. From L to R, Néstor Flecha, Christa von Hillebrandt and Alina Nieves...



Fig. 2 Students from the Academia Inmaculada Concepción at Mayagüez at the wave tank.



Fig. 3 A general view of the Earth Science Open House.

University of Texas at El Paso, Department of Geological Sciences

http://www.geo.utep.edu/esweek/



Earth Science Week 2010



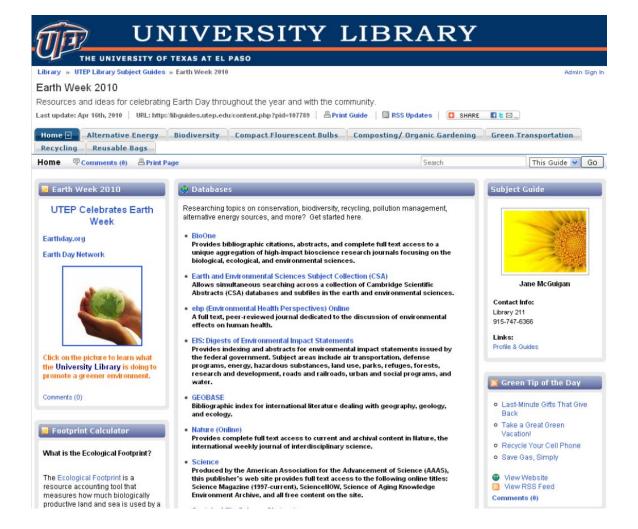
"Exploring Energy" in El Paso

"Exploring Energy" is the 2010 theme for the National Earth Science Week, October 10th – October 16th. This theme will engage the public in learning about the Earth's energy resources and emphasize the important role Earth scientists play in expanding our understanding of the complex interactions of energy resources with Earth systems.

Some important energy resource questions which Earth scientists explore and the public should be thinking about are: Where do energy resources come from? How are energy resources found and harnessed? How has energy use changed over time? What is the importance of renewable energy? What does science tell us about timely energy issues such as conservation and public safety? Where are the energy careers of the future likely to be?

University of Texas at El Paso Library Webpage

http://libguides.utep.edu/content.php?pid=107789



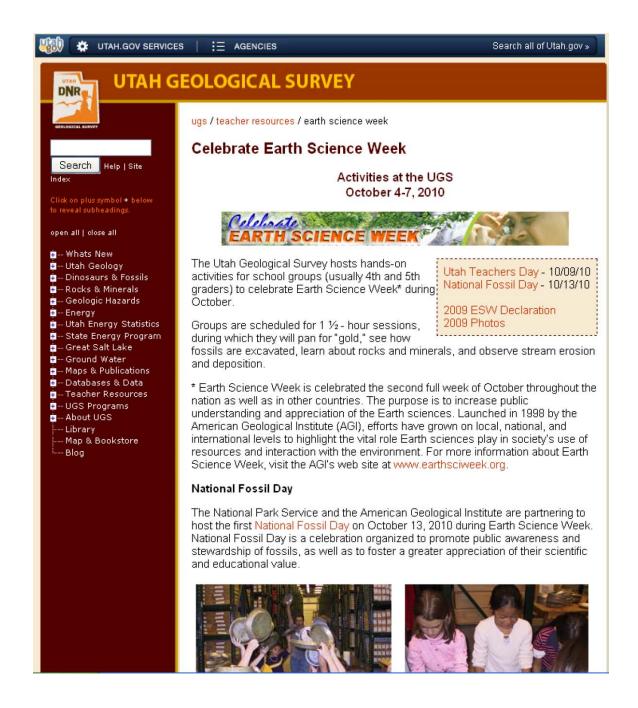
University of the West Indies

http://www.uwiseismic.com/General.aspx?id=91

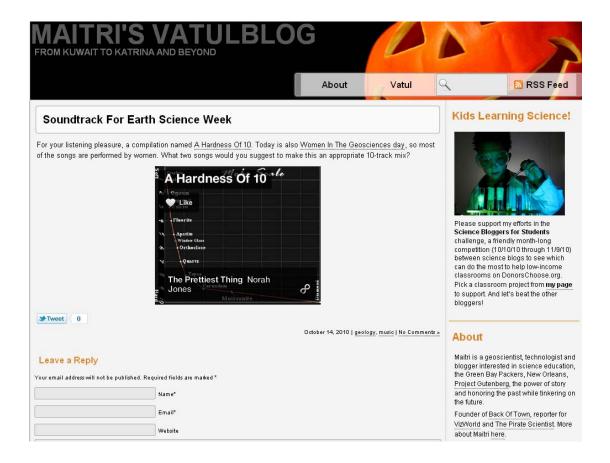


Utah Geological Survey

http://geology.utah.gov/teacher/esweek.htm







VerySpatial.com

http://veryspatial.com/2010/10/have-you-met-earth-science-week/



Virtual Schooling Blog

http://virtualschooling.wordpress.com/2010/10/12/this-weeks-live-interactive-and-free-webinars-in-elluminate-2/



"Break Out Of The Training Box: The Six Boxes Approach To Performance Improvement."

Anne Mirtschin - "Earth Science Week - Establishing a geopark in a metropolis: the Hong Kong Geopark".

http://www.learncentral.org/node/109092 ;(pre-registration is required)

• 5pm PDT (US) / 8pm EDT (US) / 12am GMT/UTC (next day) (intl times):

4pm PDT (US) / 7pm EDT (US) / 11pm GMT/UTC (intl times):

http://www.learncentral.org/event/107025

Steve Hargadon interviews Sylvia Martinez http://www.learncentral.org/event/106895

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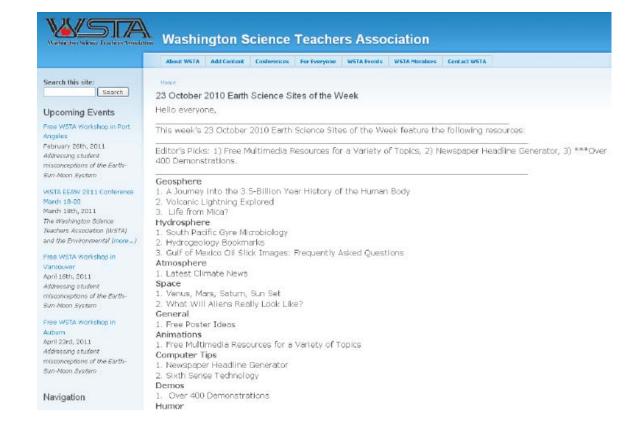
Visual Arts Blog

http://8thai.com/visualarts/2010/10/02/earth-science-week-2010-visual-arts-contest-%E2%80%93-open-to-students-in/



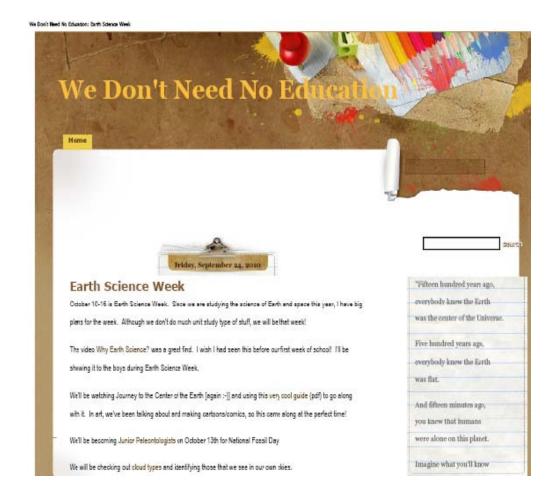
Washington Science Teachers Association (WSTA)

http://www.wsta.net/node/259



We Don't Need No Education Blog

http://dontneednoeducation.blogspot.com/



Western Michigan University Core Kids Website

http://www.wmich.edu/corekids/EarthScienceWeek2010.html

EarthScienceWeekbanner

sponsored by the American Geological Institute agilogo

http://www.earthsciweek.org/

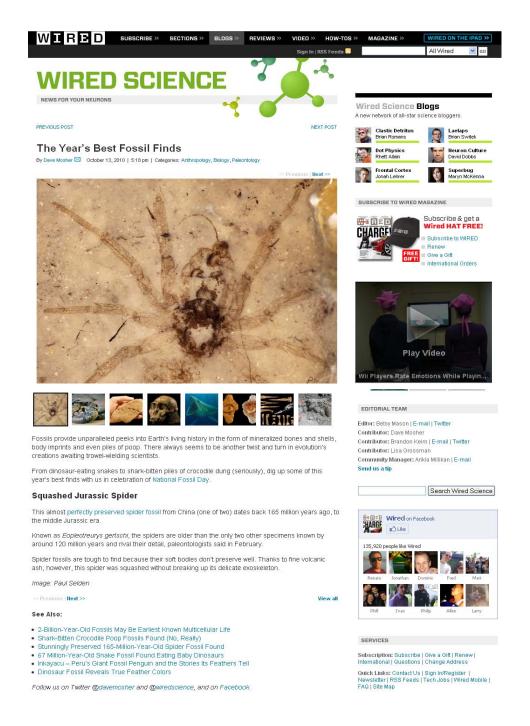
Earth Science Week 2010 is coming in October!

Check back later to find out what CoreKids will be doing for Earth Science Week.



Wired Blogs

http://www.wired.com/wiredscience/2010/10/best-fossils/



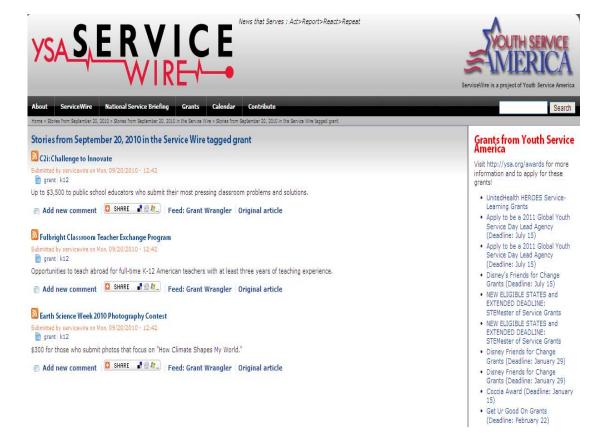
World of Bad Luck Blog

http://badluckcure.blogspot.com/2010/04/april-2010-4-h-science-engineering-and.html

- The National Science Foundation (NSF) has joined the
 planning of the inaugural USA Science & Engineering
 Festival! This celebration of science will take place October
 10-24, 2010 in Washington DC. Interactive presentations are
 sure to wow students and adults alike, from the mystery of
 forensic science and mechatronics to the power of mobile radar
 vehicles that track tornadoes, wild fires, and hurricanes. More
 information can be found at http://www.usasciencefestival.org/.
- Earth Science Week is October 10-16, 2010, right after National 4-H Week! This year's theme is "Exploring Energy." Visit www.earthsciweek.org for activities to help youth learn the geoscience behind Earth's climate.

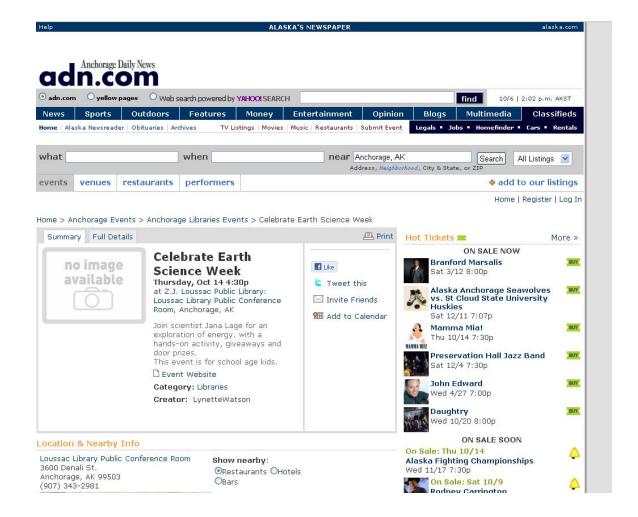
Youth Service America's ServiceWire Project

http://servicewire.org/content/20100920/wire/grant/Earth-Science-Week-2010-Photography-Contest



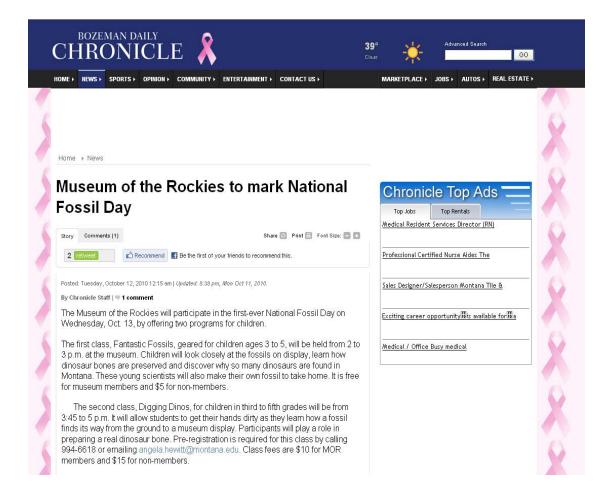
Anchorage Daily News

http://events.adn.com/anchorage-ak/events/show/142687105-celebrate-earth-science-week



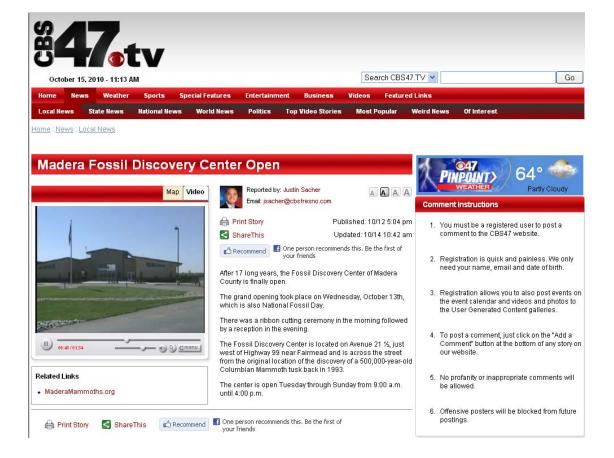
Bozeman Daily Chronicle

http://www.bozemandailychronicle.com/news/article_a744f3ba-d5a9-11df-97d1-001cc4c002e0.html



CBS47.TV News

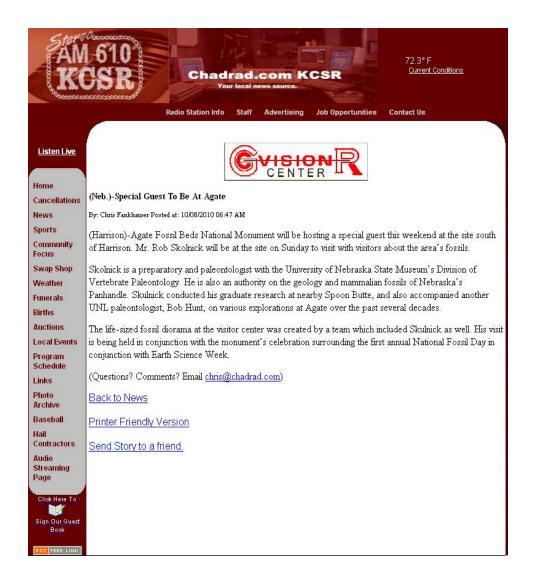
http://www.cbs47.tv/news/local/story/Madera-Fossil-Discovery-Center-Open/BQGUnSrCYk6YOg46e8oiCw.cspx



Chadrad.com KCSR News

October 8, 2010

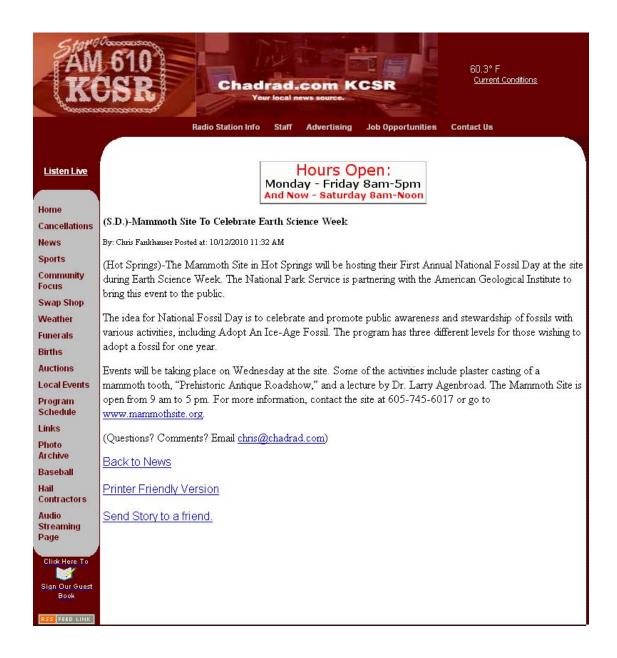
http://www.chadrad.com/newsstory.cfm?story=19842



Chadrad.com KCSR News

October 12, 2010

http://www.chadrad.com/newsstory.cfm?story=19874



Chronicle Times

http://www.chronicletimes.com/story/1672488.html



Clarksville Online

http://www.clarksvilleonline.com/2010/10/09/bredesen-proclaims-october-10th-16th-earth-science-week-in-tennessee/



Daily Herald News

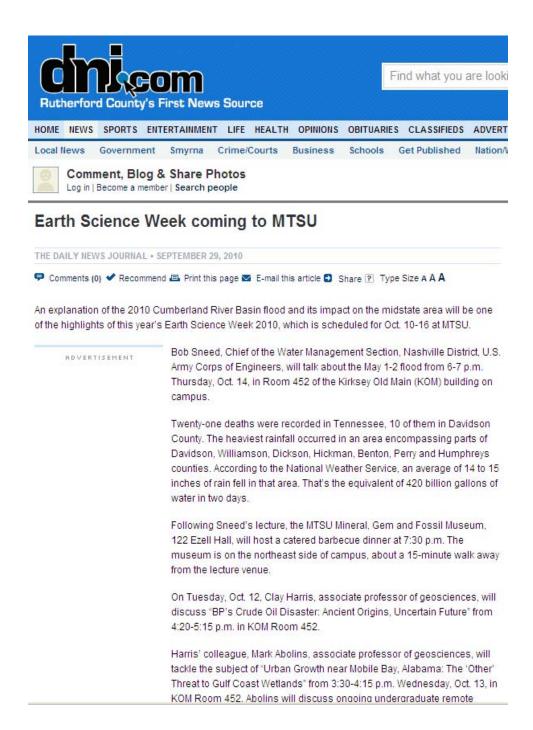
http://www.dailyherald.com/article/20101023/entlife/710249975/



DNJ.com News

September 29, 2010

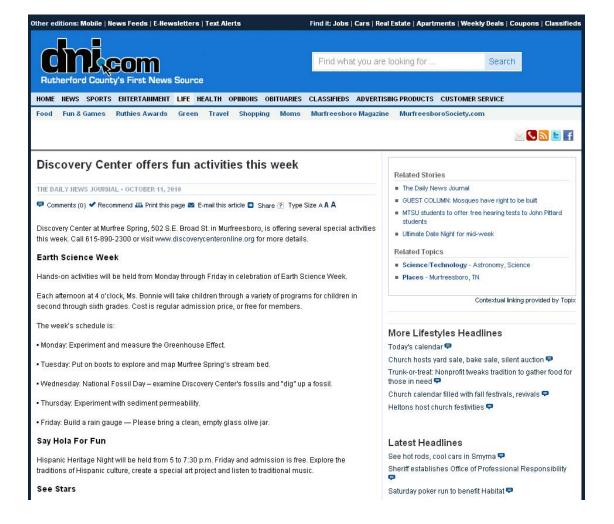
http://www.dnj.com/article/20100929/NEWS01/100929012/Earth+Science+Week+coming+to+MTSU



DNJ.com News

October 11, 2010

http://www.dnj.com/article/20101011/LIFESTYLE/101011009



DNJ.com News

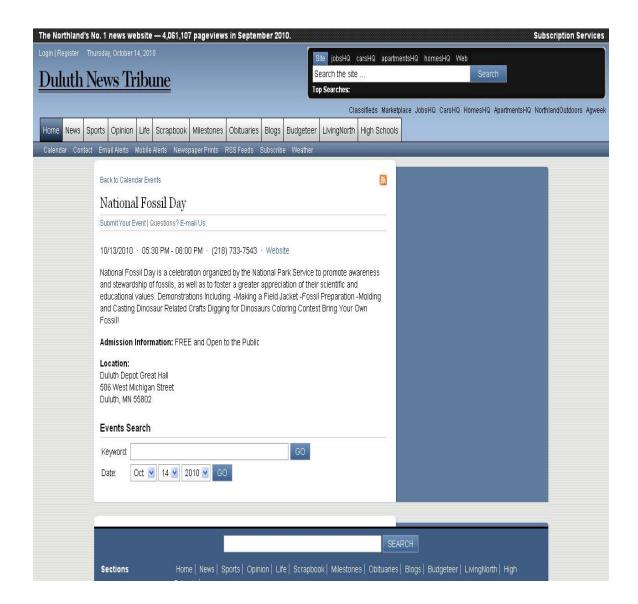
October 14, 2010

http://www.dnj.com/article/20101014/WEEKEND01/10140302/1082/WEEKEND/What+Would+Mama+Do?+Go+on+science+adventure+or+figure+out+who-done-it



Duluth News Tribune

http://www.duluthnewstribune.com/event/calendarEvent/id/57339/date/2010-10-13/



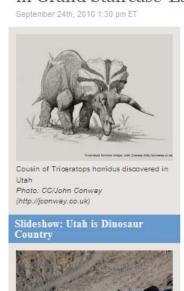
Examiner.com

September 24, 2010

http://www.examiner.com/rving-in-national/paleontologists-unearth-two-new-species-of-dinosaur-grand-staircase-escalante



Paleontologists unearth two new species of dinosaur in Grand Staircase-Escalante





Paleontologists have unearthed two new species of dinosaur in the Upper Cretaceous Kaiparowits Formation within the Grand Staircase-Escalante National Monument in southern Utah. According to a research paper published in the Public Library of Science Journal (PLoS) two new, co-occurring ceratopsids - a close relative of the Triceratops have been discovered. The Triceratops (see video) was a nine foot tall, 26,000 pound dinosaur with a big bone mantle and two large three foot long horns - somewhat reminiscent of a rhinoceros, though the Triceratops was actually twice its size. The Upper Cretaceous Kaiparowits Formation has yielded numerous dinosaur fossils over the last decade and this most recent discovery shines a timely spotlight on the upcoming National Fossil Day which is celebrated on October 13th during Earth Science Week.

The two new species named Utahceratops gettyi and Kosmoceratops richardsoni – which had 15 horns on its head - once roamed the swamp filled

Examiner.com

October 4, 2010

http://www.examiner.com/homeschooling-in-modesto/earth-science-week-resources-activities-experiments-for-meteores



FairfaxTimes.com News

http://www.fairfaxtimes.com/cms/story.php?id=2370



Farragut Press

http://www.farragutpress.com/articles/2010/10/13143.html



Fresnobee.com

http://www.fresnobee.com/2010/10/14/2117376/madera-county-fossil-center-opens.html





Fruita Times

http://www.fruitatimes.com/2010/10/13/national-fossil-day-celebration/

Fruita T	imes		
National Fossil Day Celebration			Friday, October 15, 2010 SECTIONS
National Fossil Day is a celebratikno organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of thier scientific and educational value.		» HOME	
		» FEATURES	
Call museum paleontologist ReBecca Hunt-Foster at 970-858-7282 or visit http://www.museumofwesternco.com/blog/index.php/pa;eontology/national- fossil-day.		» SPORTS	
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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 first annual National Fossil Day on Wednesday, Oct. 13, during Earth Science Week.

The mission of National Fossil Day is to promote public awareness and stewardship of fossils.

In recognition of the first 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 Mammoth Site spreading the word to teachers and home school parents that these special events are available at the Mammoth Site.

- "Ice Age" Coloring/art contest (mixed media, cardboard, Paper Mache, etc.) Preschool, Grades K-5, Grades 6-12, and adult prizes will be awarded
- Prehistoric antique road show, which will allow patrons to bring rocks and fossils to the museum to be identified by Dr. Larry Agenbroad from 9 11:30 a.m. and 2:30 4 p.m.
- · Lecture regarding fossils and their scientific and educational value by Dr. Agenbroad at 1 p.m.
- · "Make your own plaster cast of the surface of a mammoth tooth," on the hour beginning at 9 a.m.
- · Kick-off of The Mammoth Site's "Adopt a Fossil" program

The Mammoth Site is open from 9 a.m. to 5 p.m. with the last tour at 4 p.m.

For more information, visit the web site at www.mammothsite.org or call 745-6017.

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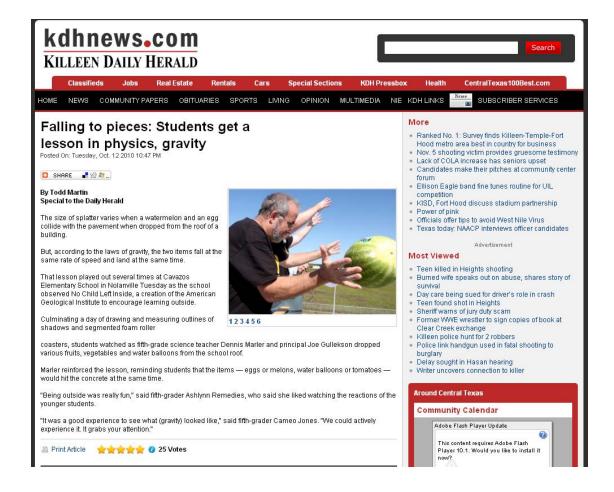
KBZK.com News

http://www.kbzk.com/news/museum-of-the-rockies-observes-national-fossil-day-/



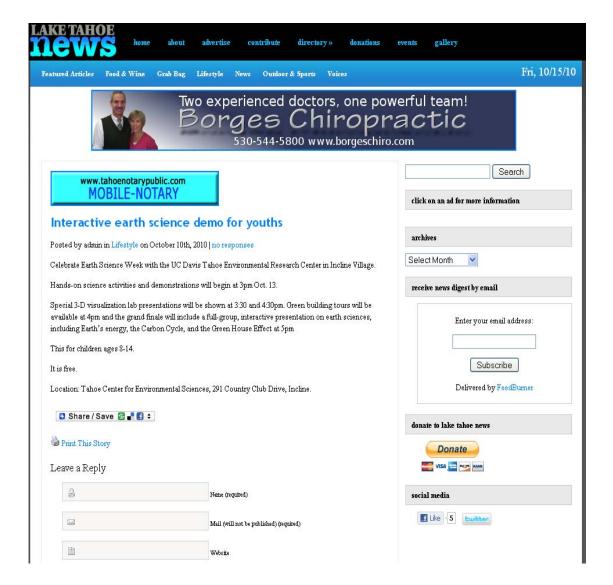
Killeen Daily Herald News

http://www.kdhnews.com/news/story.aspx?s=45241



Lake Tahoe News

http://www.laketahoenews.net/2010/10/interactive-earth-science-demo-for-youths/



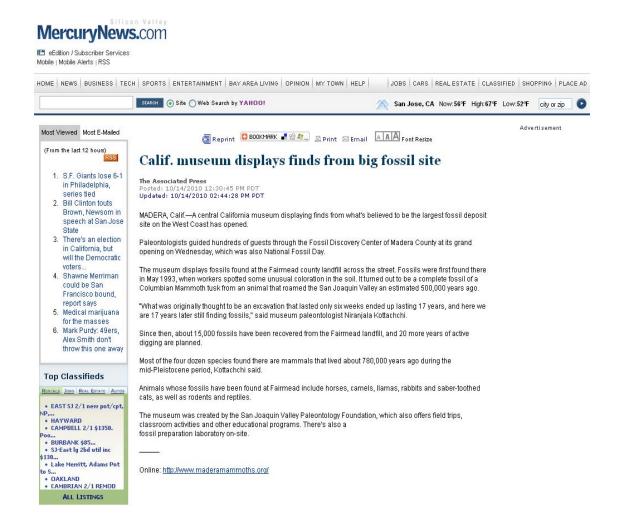
Martinsville Daily News

http://martinsvilledaily.com/index.php?option=com_content&view=article&id=446:virgini a-museum-of-natural-history-taking-part-in-first-national-fossil-day-&catid=44:homes-gardens&Itemid=403



MercuryNews.com

http://www.mercurynews.com/breaking-news/ci_16339054?nclick_check=1



Middle Tennessee State University's (MTSU) Sidelines News

http://www.mtsusidelines.com/news/earth-science-week-begins-1.1676025



MyEagleNews.com

http://www.bluemountaineagle.com/Search.asp?SearchBox=1





Wednesday, November 03, 2010







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10/6/2010 10:31 AM

Fossils and free burgers on the menu
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up at the John Day Fossil Beds National Monument: a free
program on prehistoric animals and an open house to celebrate
National Fossil Day. ...





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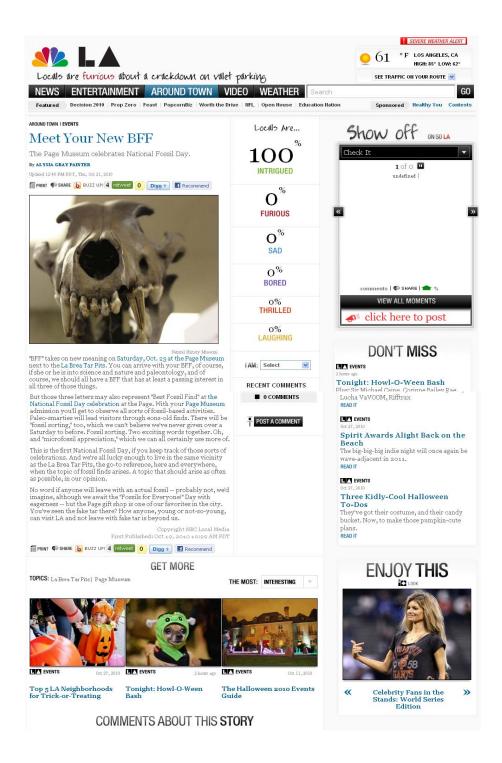
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NBC Los Angeles

http://www.nbclosangeles.com/around-town/events/Meet-Your-New-BFF-105272783.html



SEPTEMBER 2010 NSTA Reports 19

Fall Science Celebrations

Observing a special day or week dedicated to a specific scientific field can pique students' interest. Check this calendar to learn more, and visit event websites for free resources you can use in your classroom.

ptember

World Water Monitoring Day (WWMD), September 18

www.worldwatermonitoringday.com

WWMD educates students about "key indicators of water quality" and provides hands-on engagement "with their local waterbodies," so they will understand "what they can do to protect water resources," explains Lorien Walsh, program manager. School groups range "from elementary to high school," and the program "can be adapted based on the group's individual needs."

National Estuaries Day, September 25

www.estuaries.gov

"Estuaries are dynamic environments with a daily flux of ocean flows mingling with river water, creating a remarkably diverse range of life and ecosystems. As a result, they offer learners a convergence of such fields as Earth systems science, biology, chemistry, geography, geology, and marine science," states the event's website.

National Public Lands Day (NPLD), September 25

www.publiclandsday.org

NPLD helps teachers "get their classrooms interested in the outdoors and volunteering," says Robb Hampton, program director: "We also have some very timely resources for anyone seeking more information about the oil spill in the Gulf and what impact it's having—and could continue to have—on our public lands." (See http://bit.ly/dARTe7.)



Earth Science Week, October 10-16

2010 theme—"Exploring Energy"

www.earthsciweek.org

"Energy is a topic that always generates electricity in education," says Ann E. Benbow, Ph.D., director of education and outreach for the American Geological Institute. Because energy is so vital to life, "we're taking the opportunity... to explore energy as a subject of scientific inquiry."

National Fossil Day, October 13

http://bit.ly/arjdwe

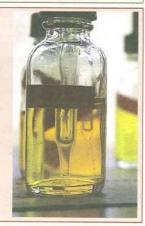
"National Fossil Day will celebrate the diversity of fossils as clues for understanding past climates and ancient landscapes, and promote the understanding that fossils are nonrenewable resources and should be preserved for future generations," says Vincent Santucci of the National Park Service. Check the website for events in your area.

National Chemistry Week, October 17-23

2010 theme-"Behind the Scenes With Chemistry"

www.acs.org/new

The theme celebrates "the chemistry in movies, set design, makeup artistry, and common special effects," says Alvin Collins, program manager, American Chemical Society (ACS). The ACS will hold K-12 local poster contests and Activity Patch Programs; contest winners qualify for a national contest awarding cash prizes.



mbe

Physiology Understanding (PhUN) Week, November 1-6

2010 theme-"Exercise and Health"

www.phunweek.org

"The American Physiological Society's (APS) PhUN Week provides the opportunity for K-12 students to meet with practicing biomedical scientists," says APS Education Committee Chair Thomas A. Pressley, PhD, professor of the Department of Cell Physiology and Molecular Biophysics at Texas Tech University Health Sciences Center in Lubbock, Texas. "Because of its relevance to human health," he points out, "PhUN Week focuses on the physiology of exercise, and students ofter design and conduct simple experiments in the classroom with the visiting scientists, as well as discuss career choices and necessary training."

"PhUN Week gives kids and teachers a great exposure to the world of science and how it applies to our everyday lives," adds APS Educa-

tion Committee Member Michael J. Ryan, PhD, associate professor in the Department of Fhysiology and Biophysics at the University of Mississippi Medical Center in Jackson, Mississippi.

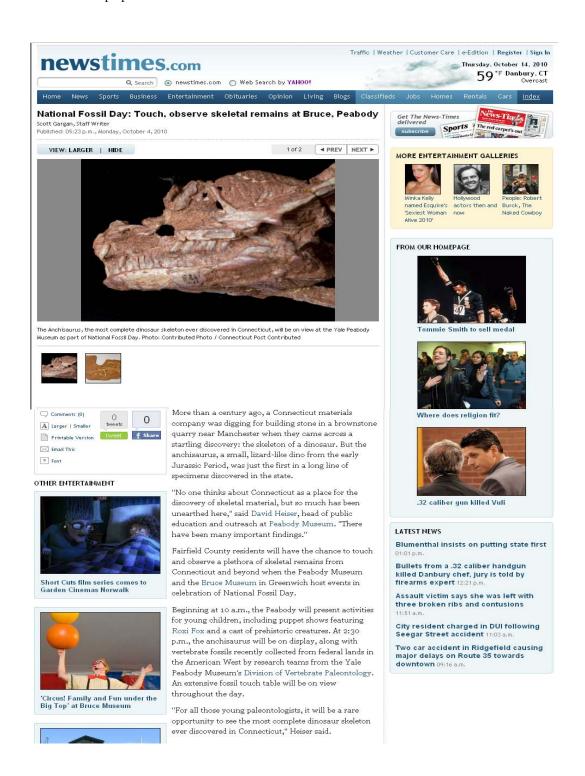
Newsday, Trinidad and Tobago

http://www.newsday.co.tt/features/0,129903.html



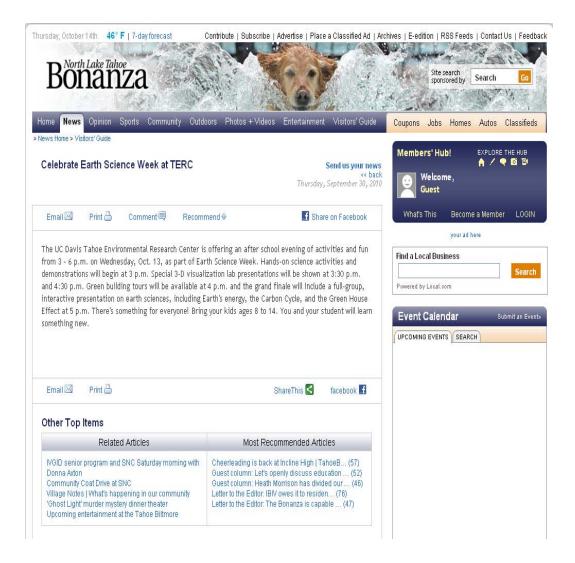
Newstimes.com

http://www.newstimes.com/entertainment/article/National-Fossil-Day-Touch-observe-skeletal-687256.php



North Lake Tahoe Bonanza News

http://www.tahoebonanza.com/article/20100930/NEWS/100939984/1056&ParentProfile =1050



Odessa American Online

http://www.oaoa.com/news/earth-55801-science-week.html



Quay County Sun Online News

http://www.qcsunonline.com/news/letting-8611-college-mesalands.html



Sierrastar.com News

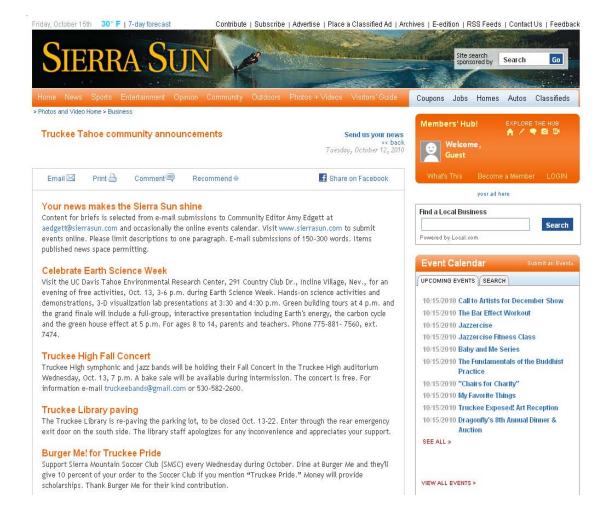
http://www.sierrastar.com/2010/10/22/53899/fossil-discovery-center-opens.html



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Sknvibes.com News

http://www.sknvibes.com/News/NewsDetails.cfm/15990



Standard.net News

http://www.standard.net/topics/news/2010/10/08/blm-celebrates-fossil-day





BLM celebrates Fossil Day

Last updated Friday, October 8, 2010 - 11:39am

- Weber County vs. Oaden Trece
- Facebook campaign supports
- Attorneys for targets of Ogden
- gang injunction file motions Offshore oil rig explodes in Gulf of

The Bureau of Land Management is partnering with the National Park Service, U.S. Forest Service, and other Federal and State agencies, museums, and organizations to hold the first annual National Fossil Day on October 13, 2010. A number of events are scheduled to mark the day, which occurs this year during Earth Science Week.

"National Fossil Day is important because it helps promote public awareness about the importance of paleontological resources on the National System of Public Lands," said Director Bob Abbey. "A better understanding of our Nation's heritage will foster a commitment to stewardship of these fascinating resources and an appreciation of their scientific and educational value.

In fact, last month paleontologists with BLM-Utah announced the discovery of two new species of horned dinosaurs in Grand Staircase-Escalante National Monument (GSENM). The monument encompasses 1.9 million acres of high-desert terrain in south-central Utah and is one of the nation's last great, largely unexplored dinosaur boneyards. The bigger of the two new dinosaurs, with a skull 2.3 meters (about 7 feet) long, is Utahceratops gettyi (U-tah-SARA-tops get-EE-i), In addition to a large horn over the nose. Utahceratops has short and blunt eye horns that project strongly to the side rather than upward.

much more like the horns of modern bison than those of Triceratops or other ceratopsians. Second of the new species is Kosmoceratops richardsoni (KOZ-mo-SARA-tops RICH-ard-SON-i), Kosmoceratops also has sideways oriented eye horns, although much longer and more pointed than in Utahceratops. In all, Kosmoceratops possesses a total of 15 horns-one over the nose, one atop each eye, one at the tip of each cheek bone, and ten across the rear margin of the bony frill, making it the most ornate-headed dinosaur known.

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Police ask for help to find wanted



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efialtis Maybe, Owain, it is time to call the thread

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Bountiful deer beware / City and DWR teaming up to reduce numbers, donate meat • 10 minutes ago

TCPalm News

http://www.tcpalm.com/news/2010/dec/03/no-headline---2nda_ir_good/



TheChattanoogan.com News http://www.chattanoogan.com/articles/article_185868.asp

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Chattanooga's source for breaking local news	and I was a life and a darker	
News Opinion Sports Happenings Dining Obituaries Cla	October 14, 2010	
Student Scene	search	
Oct. 10-16 Is Earth Science Week		
Governor Phil Bredesen has proclaimed Oct. 10-16 as Earth Science Week i Tennessee, promoting the important role that geology and other earth scie play in Tennessee's safety, health, welfare and economy.		
As part of Earth Science Week, the Tennessee Department of Environment Conservation's Division of Geology, in partnership with the American Geolog Institute, has a limited number of Earth Science Week toolkits to distribute science teachers across the state. This year's toolkits include posters, caler resources and reading materials, field notebooks, and CDs and DVDs, with emphasis on energy and energy resources.	gical to earth ndars,	
"Earth Science Week is a great opportunity to interest more kids in this par field of science," said Gov. Bredesen. "We're working across the state to proper and expand the teaching and learning of science, technology, engineering mathematics, known as the STEM disciplines. I'm very pleased to see the Department of Environment and Conservation partnering to bring these edutools to the classrooms of Tennessee's earth sciences teachers."	omote and	
"The earth sciences are invaluable in the Department of Environment and Conservation's day-to-day responsibilities," said Environment and Conservation Commissioner Jim Fyke. "The department's Division of Geology serves as a example and works hard on issues critical to energy resources."	ation a great	
This year, approximately 20 governors across the United States will join Go Bredesen in issuing proclamations that support Earth Science Week, reachir than 40 million people across the country. As in years past, individuals and will celebrate Earth Science Week 2010 by participating in events in all 50 s 18 countries around the world.	ng more groups	
Educators interested in receiving an Earth Science Week toolkit may contact Zurawski at Ronald Zurawski@tn.gov or 615.532-1502. The toolkits are free charge while supplies last.		
For more information about Earth Science Week, please visit www.earthsciwe	eek.org.	
Email this to a friend		

The Guardian

http://theguardianonline.com/2010/10/20/science-and-secular-beliefs-discussed-during-earth-science-week/



The Guide

(Grand Canyon Park Newspaper)

FALL 2010 SOUTH RIM VISITOR'S GUIDE 3

We hope that learning more about Grand Canyon National Park and its resources will lead to a greater appreciation of your national park.

Desert View and Tusayan Museum

Glimpses of the Past (h) (L) (b) Have you ever wondered what life was like at Grand Canyon 800 years ago? How did people find food, water, and shelter? Join a ranger to explore the remains of an ancestral Puebloan village. Envision a thriving community in this harsh and demanding environment. Program includes a 0.1 mile (0.1 km) walk on a flat, paved trail 130 p.m.

Inside the Canyon You must hike or ride the mules to Phantom Ranch.

Phantom Ranch 🗾	Ranch These programs end November 28.				
Talks and evening programs cover a wide range of natura and cultural history topics. Check the Bright Angel Campground		4:00 p.m.	45 minutes	Daily	
bulletin board or the Phantom Ranch Canteen for program locations and subjects. Junior Range: activity booklet available,		7:30 p.m.	45 minutes	Daily	

Children must be accompanied by an adult on all programs. These family-oriented programs are ideal for meeting the ranger program requirement for the Grand Canyor's Junior Ranger award. Any ranger program, however, will meet the requirement on page 2 of the Junior Ranger Activity Booklet.

All outdoor programs may be canceled during rain, snow, or lightning storms.

These programs are wheelchair accessible with assistance. Wheelchairs may be checked out at the Grand Canyon Visitor Center free of charge.

Walk a Couple Billion Years on the Trail of Time

As you wak along the Rim Trail between Yavapai Goology Museum and Verkamp's Visitor Center, you will encounter brass markers embedded in the path every meter (three feet) along with a series of rock samples from within the canyon depths. These markers and rocks are part of the Trail of Time—ageologic timeline in which each meter represents one million years in Earth's History.

The Trail of Time is an interpretive timeline that uses Grand Canyon vistas and nocks to guide visitors to ponder, explore, and understand the unfathomable vastness of geologic time and the stories encoded in Grand Canyon rook layers and landscapes. Envisioned by Dr. Karl Karlstrom from the University of New Mexico, funding for the Trail of Time was provided by a National Science Foundation Informal Science Edacation Program grant. University professors, exhibit designers, and park interpreters cooperated to ensure that the Trail presents the geologic history of the canyon.

You can walk forward or backward in time! Begin just west of Yavapai Geology Museum to walk backward in time



from today toward the oldest rocks in the Grand Canyon, Elwes Chasm gneiss (1,840 million years old). Or, begin east of Verkamp's Visitor Center and walk forward in time from 2,000 million years ago toward the youngest rock in the Grand Canyon, Kaibab Limestone (270 million years old).

As you expbre along the Trail of Time, touch rock samples from deep within Grand Canyon, use viewing tubes to focus on geologic features below the rim, learn about the geologic processes that formed the vocks of the canyon walls, and ponder the magnificen: depth and scale of Grand Canyon.

This exhibit is only one part of the National Park Service's efforts to provide park visitors with an integrated geoscience interpretive program. To learn more about the geology of Grand Caryon, geologic processes, and geologic time, visit the Yavapai Geology Museum at Yavapai Point, attend a ranger-led geology program, pick up a geology brotchure from one of the boxes alorg the Rim Trail, or visit the Trail of Time web site at 470 tutum. edu.

Joinus for the dedication of the Trail of Time on Wednesday, October 13, at 200p.m. by Verkamp's Visitor Center. This is only one event during the Nat onal Park Service's Earth Science Week. Interpretive park rangers and scientists from the Division of Science and Resource Management will present a variety of special programs focusing on Dssils and the park's geology. Check at any National Park Service vision center or park headquarters for a complete schedule of events or visit www.nps.gov/grca/planyourvisit/earth-sci-week.htm.

Special Events Calendar

Inquire at any visitor center for details on these activities.

September 10-12 Grand Canyon Music Festival

See article on page 10.

September 11 – Grand Canyon Celebration of Art

November 28 Sec article on page 10.

September 18 7,00 p.m. Shrine of the Ages
Buckey O'Neill. Arizona Pioneer
Rough Rider Historical Association

September 21 1:30 p.m. West of Verkamp's Visitor Cente: Commercoration of Grand Canyon

Commenoration of Grand Canyon
National Park quarter.

October 10–16 Earth Science Week

Special programs throughout the week

October 13 2:00 p.m. Verkamp's Visitor Center

r 13

2:00 p.m. Verkamp's Visitor Center
Dedication of the *Trail of Time*,
See adjacent article.

Pets Must Be Leashed at All Times

Leashed pets are allowed on rim trails throughout the developed areas of the South Rim, but not below the rim. The only exception is service animals.

Persons wishing to take a service animal below the rim must check in first at the Backcountry Information Center.

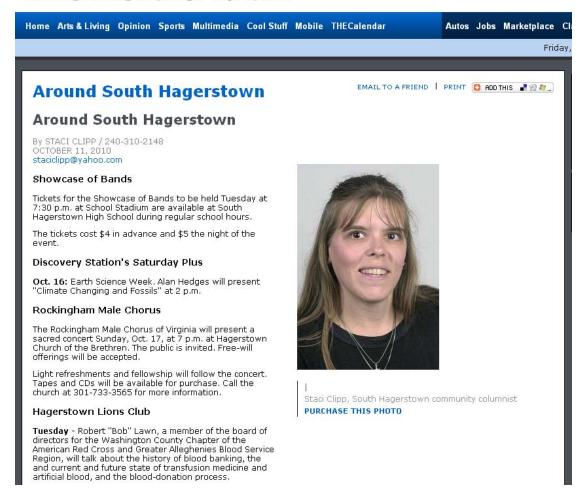
Kennels are available. Telephone: (928) 638-0534.



The Herald-Mail

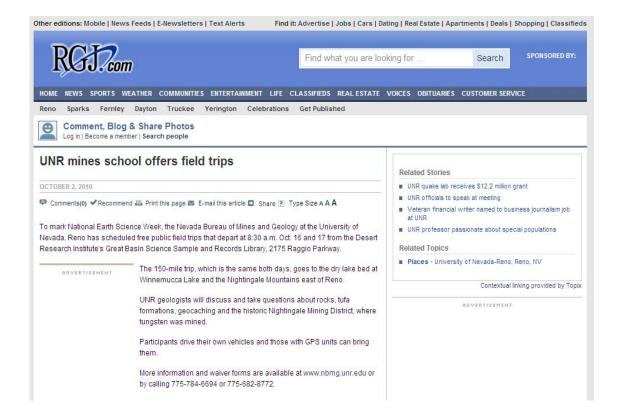
http://www.herald-mail.com/?cmd=displaystory&story_id=254532&format=html

The Herald-Mail



The Reno Gazette Journal

http://www.rgj.com/article/20101002/NEIGHBORHOODS/10020313/1247/neighborh oods



The Salt Lake Tribune

http://www.sltrib.com/sltrib/home/50434898-76/dinosaurs-exhibit-bone-dino.html.csp



Dino's neck bone connected to the ... tail bone? Oops!



Photos



At A Glance

The real truth about dinosaurs

"Dino Right, Dino Wrong" exhibit at Discovery Track Site is open at Johnson Farm.

Where » 2180 E. Riverside Drive, St. George.

When » Exhibit runs to March 1. Museum hours are 10 a.m. to 6 p.m. Mondav By Mark Havnes The Salt Lake Tribune

Published Oct 11, 2010 12:45AM Updated Oct 11, 2010 12:50AM

St. George • In one case, a dinosaur's thumb claw was thought to be a horn. In another, the fossilized skull of a dinosaur was mistakenly placed at the tip of its tail.

In paleontology, bloopers happen.

A new exhibit at the Discovery Site museum in St. George explores some myths and mistakes in the context of the history of paleontology. "Dino Right, Dino Wrong," open through March 1, was the brainchild of Rusty Salmon, director of the dinosaur track site discovered in 2000. The museum houses fossilized tracks and even slither marks left by creatures that inhabited the shores of Lake Dixie 198 million to 195 million years ago.

"What we want [for the museum] are temporary exhibits showing things people are interested in," said Salmon "This idea just bubbled up."

She said special activities are planned Wednesday for National Fossil Day.

The new exhibit includes several examples of how conclusions drawn by early paleontologists were later proven wrong as identification techniques improved and knowledge increased.

"They [early scientists] had some pretty quirky ideas," said Salmon.

Besides misidentifying the thumb claw, scientists wrongly believed the tail of the spine of elasmosaurus was the top of its neck and worthy of a fossilized skull. They stood by their claim until it was proved that the other end of the long spine was where the head really belonged.

Story continues below

The Shorthorn by the University of Texas at Arlington

http://www.theshorthorn.com/content/view/20481/60/





HOME . ENTERTAINMENT . Participants in National Fossil Day dig up the past

Participants in National Fossil Day dig up the past

Written by William Johnson, The Shorthorn senior staff WEDNESDAY, 13 OCTOBER 2010 06:19 PM



Students and staff are reaching out for community participation in the first ever National Fossil Day by hosting a family and friends

dig October 16.

The National Park Service recently mandated the Wednesday of every annual Earth Science Week to be national fossil day and this Saturday the Arlington Archosaur Site in Euless will open it site to the public. The day is a tribute to the various national parks and sites containing fossils in the United States. The dig site will be open to the public for tours and excavation as a way to celebrate the new national tribute and spark awareness in the community.

The crew will be providing all necessary tools to participants. In order to dig. volunteers must be older than the age of

12 and sign a safety release. Forty-five tours will be held during the day and fossils will be on display. Field guides and junior paleontologists kits will also be provided for youth and adults.

"We generally provide all equipment," geology graduate student Derek Main said. "But if somebody wants to bring their own personal tools, including gloves, that's fine too."

Main has worked with the site as its primary researcher since its discovery in 2003. He presents the findings of the crew to various organizations, including the Society of Vertebrate Paleontology. Dig site crew chief Roger Fry said the impact of National Fossil Day and the university's findings are alerting people of the importance of fossils.

"I'm excited the National Park Service is recognizing that fossils are valuable." he said.





AP HEADLINES -

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SOCIAL MEDIA





Environmental science sophomore Albert

Miramontes sorts through dirt for fossils

Saturday at the Arlington Archosaur Site.

every weekend. The most common fossil finds are baby crocodiles, vertebrae and

teeth. (The Shorthorn: Michael Minasi)

The dig site is open to volunteers of any age

University of New Mexico Today News

http://news.unm.edu/2010/10/grand-canyon-national-park-to-dedicate-the-trail-of-time-during-earth-science-week/



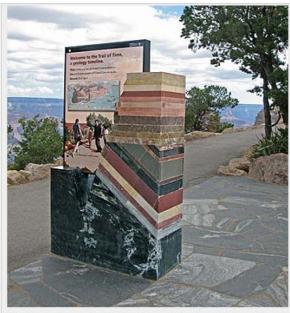
Grand Canyon National Park to Dedicate the Trail of Time During Earth Science Week

™ OCTOBER 6, 2010 | By STEVE CARR

In a ribbon-cutting ceremony set for Wednesday, Oct. 13, Grand Canyon National Park Superintendent Steve Martin, Chief of Interpretation Judy Hellmich-Bryan, interpretive staff and special guests will dedicate a new interpretive exhibit, the Trail of Time, on the South Rim of Grand Canyon National Park. Visitors are invited to attend the ribbon cutting ceremony at 2:30 p.m., adjacent to Verkamp's Visitor Center, followed by an informal walk along the trail from 3 – 5 p.m. The event is one of several events planned by Grand Canyon National Park as part of Earth Science Week, October 10 – 16.

The Trail of Time is an interpretive walking timeline that focuses on Grand Canyon vistas and rocks and invites visitors to ponder, explore, and understand the magnitude of geologic time and the stories encoded by Grand Canyon rock layers and landscapes.

The Trail of Time was developed through a partnership between Grand Canyon National Park and the University of New Mexico. The project was funded with a \$2



The beginning of the Trail of Time at the South Rim of Grand Canyon National Park.

million grant provided by the National Science Foundation. Professors Karl E. Karlstrom and Laura Crossey, Earth and Planetary Sciences Department at the University of New Mexico, led a team comprised of interpretive specialists from the National Park Service and academics from Arizona State University and the University of Massachusetts in the design and development of the exhibit.

Virginia Tech News

http://www.vtnews.vt.edu/articles/2010/10/100410-science-volcanoes.html



WCFCourier.com News

http://wcfcourier.com/news/local/article_478fe27b-9928-52a6-a1fc-82d5059139c5.html



WGNS Radio News

http://www.wgnsradio.com/mtsus-earth-science-week-floods-spills-and-development/20311/



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MTSU's Earth Science Week: Floods, Spills and Development

September 30, 2010

An explanation of the 2010 Cumberland River Basin flood and its impact on the midstate area will be one of the highlights of this year's Earth Science Week 2010, which is scheduled for Oct. 10-16 at MTSU.

Bob Sneed, Chief of the Water Management Section, Nashville District, U.S. Army Corps of Engineers, will talk about the May 1-2 flood from 6-7 p.m. **Thursday, Oct. 14**, in Room 452 of the Kirksey Old Main (KOM) building on campus.

Twenty-one deaths were recorded in Tennessee, 10 of them in Davidson County. The heaviest rainfall occurred in an area encompassing parts of Davidson, Williamson, Dickson, Hickman, Benton, Perry and Humphreys counties. According to the National Weather Service, an average of 14 to 15 inches of rain fell in that area. That's the equivalent of 420 billion gallons of water in two days.

Following Sneed's lecture, the MTSU Mineral, Gem and Fossil Museum, 122 Ezell Hall, will host a catered barbeque dinner at 7:30 p.m. The museum is on the northeast side of campus, about a 15-minute walk away from the lecture venue.

On **Tuesday, Oct. 12**, Dr. Clay Harris, associate professor of geosciences, will discuss "BP's Crude Oil Disaster: Ancient Origins, Uncertain Future" from 4:20-5:15 p.m. in KOM Room 452.

Harris' colleague, Dr. Mark Abolins, associate professor of geosciences, will tackle the subject of "Urban Growth near Mobile Bay, Alabama: The 'Other' Threat to Gulf Coast Wetlands" from 3:30-4:15 p.m. **Wednesday, Oct. 13**, in KOM Room 452. Abolins will discuss ongoing undergraduate remote sensing and field research funded in large part by NASA.

All Earth Science Week 2010 events, including the cookout, are free and open to the public. For more information, contact Abolins at 615-594-4210 or mabolins@mtsu.edu.



Yale Daily News

http://www.yaledailynews.com/news/2010/oct/14/fossils-bring-life-to-the-peabody/



Dinosaurs came back to life Wednesday at the Yale Peabody Museum of Natural History.

In celebration of the first annual National Fossil Day, Peabody Museum employees prepared a special, one-day exhibit to showcase their collection of rare vertebrate fossils to the public. With a particular focus on local fossils,

Peabody employees highlighted the 200-million-year-old Anchisaurus skeleton on display for the New Haven families who visited the exhibit. For children who attended the event, the museum's wider collection of fossils and prehistoric rocks also caught their eye.

Fossils bring life to the Peabody



The fossils on display were chosen to appeal to their Connecticut audience, Peabody Head of Education and Outreach David Heiser said.

"I wanted people to see something that sort of came from their own backyard," he explained.

Discovered in 1891 in Manchester, CT, the 200-million-year-old Anchisaurus skeleton is the most complete skeleton of its kind found in the state. Daniel Brinkman GRD '94, museum assistant in the Division of Vertebrate Paleontology, said that Wednesday marked the first time the skeleton was put on public display.

Five-year-old Alexander Gilchenok, however, was more excited by the Peabody's giant replica of a Tyrannosaurus Rex head.

"The Tyrannosaurus Rex is my favorite dinosaur," he said.

But other children expressed more interest in artifacts that did not relate to dinosaurs.

Gilchenok's sister, eight-year-old Sofia, said she enjoyed the museum's collection of rocks, but wished for a wider range of colors in the rocks on display.

"Purple is my favorite color," she said.

Her other brother, engrossed in an audio tour of the exhibit, was unavailable for comment.

Thirteen-year-old Jake Henry Poulous, who was the 2009 winner of the Peabody Museum Paleo-Knowledge Bowl — an annual academic competition for third- to fifth-graders — attended the fossil exhibit with his mother. Sporting last year's Paleo-Knowledge Bowl T-shirt and a mouthful of braces, Polous said his favorite fossil at the exhibit was "definitely" the Anchisaurus skull.

YubaNet.com News

http://yubanet.com/regional/Celebrate-Earth-Science-Week-with-the-UC-Davis-Tahoe-Environmental-Research-Center-Oct-13.php

