

March 2005

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In this issue:

<i>Announcing the Theme</i>	1
<i>Earth Science Week Kits:</i>	1
<i>Chock Full of Resources</i>	
<i>ESW Workshop at NSTA</i>	2
<i>Other Science Events to Watch</i>	2
<i>Earth Science Week Partners</i>	3
<i>Earth Science Week Calendar</i>	3

Announcing the theme for Earth Science Week 2005: *Geoscientists Explore our Earth*

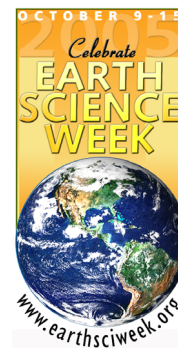
AGI is proud to announce the theme for Earth Science Week 2005. This year's theme, **Geoscientists Explore our Earth**, will focus on careers in the Earth Sciences and on the important contributions that geoscientists make to society.

What exactly does a geoscientist do? Many people cannot answer that question. Most probably think they have never met a geoscientist, or do not understand how Earth Science has an impact on their daily lives. Geoscientists gather and

interpret data about the Earth and other planets in a quest to solve some of society's most challenging problems, from finding adequate natural resources (such as energy resources, water and metals), to reducing the effects of natural hazards on communities around the world.

There are different kinds of geoscientists: hydrologists, geochemists, astronauts, museum curators, soil scientists, sedimentologists, teachers and many more. Learn about ca-

reers in Earth Science by participating in Earth Science Week! Students and adults alike will learn about the exciting careers of those who explore our Earth!



Earth Science Week Kits: A Wealth of Resources

Each year, AGI and its partners put together a packet of materials to help teachers, students and the general public celebrate Earth Science Week. We are already hard at work collecting materials for this year's Earth Science Week Information kits, which will be available in August, 2005. The kit will be filled with classroom activities and resources for elementary, middle school and high school teachers, as well as information for geoscientists who want to plan an event. Youth groups and home schoolers will also find re-

sources for earning an activity patch, an information on attending local Earth Science Week event plus experiments and activities to do at home. Be sure to check the Earth Science Week website in August to get your kit.

We are still accepting submissions for the 2005 kits! Do you or your organization have something that would be great to include?

Contact info@earthsciweek.org to discuss adding your materials to the kits.

Here is a sneak peek of 2005 ESW kit materials:

- The annual Earth Science Week poster with activities
- Careers information from the U.S. Geological Survey
- A stunning poster from NOAA
- An interactive CD ROM with teaching resources from the National Weather Service
- An informative poster about the NASA Earth Explorers Program

Sign up to receive this newsletter

Send an email to info@earthsciweek.org. Include your contact information and email address.

OR

Read the newsletters online at www.earthsciweek.org/newsletter.

Earth Science Week Workshop at NSTA Conference

Join the Earth Science Week staff for a workshop at the National Science Teacher Association's national conference in Dallas, Texas. Our workshop will be held on April 1st from 9:30 until 10:30 am at the Adams Mark Hotel, State Room 4. Learn about exciting and interesting ways to celebrate ESW in your classroom this year.

Earth Science Week materials will also be distributed at the NESTA Share-a-Thon on April 1st from 11:00 am until noon and at the NESTA/NAGT Share-a-Thon

on April 2nd from 9:30 until 10:30 am.

In addition, AGI will have a booth at the exhibit hall. We're part of the "Coalition for Earth Science Education" booth located in the Earth Sciences section. Please stop by to visit us and to find out more about AGI's education and outreach programs!

Saturday, April 2nd is Earth and Space Science Day at the NSTA conference. Special activities to mark the day include an Earth Science Activities Share-a-Thon sponsored by NESTA and NAGT, a

Rock and Mineral Raffle sponsored by NESTA, and special speakers sponsored by IRIS (Incorporated Research Institutions for Seismology), JOI (Joint Oceanographic Institutions) and the American Geophysical Union. To learn more about Earth and Space Science Day at NSTA, please visit



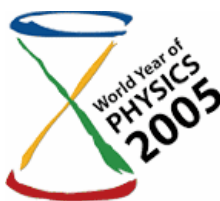
Earth Science Careers

- Astronaut
- Atmospheric Scientist
- Economic Geologist
- Engineering Geologist
- Environmental Geologist
- Geochemist
- Geochronologist
- Geophysicist
- Glacial Geologist
- Marine Geologist
- Meteorologist
- Mineralogist
- Museum Curator
- Oceanographer
- Organic Petrologist
- Paleoecologist
- Paleontologist
- Petrophysicist
- Planetary Geologist
- Sedimentologist
- Seismologist
- Soil Scientist
- Stratigrapher
- Structural Geologist
- Teacher
- Volcanologist

What other careers can you think of?

Other Science Events to Watch

World year of Physics and ESTEME Week



Did you know that 2005 is the World Year of Physics?

This world-

wide celebration of physics and how it is important to our lives is also important for Earth Science Week. Earth Scientists use physics to help them understand our planet. Geophysicists, seismologists, and structural geologists are just a few examples of the geo-

scientific careers that have a strong background in physics as well and the Earth sciences.

To learn more about the World Year of Physics visit

<http://www.physics2005.org/>.

Much like Earth Science Week, there will be events held all over the country and world to celebrate this field of science.

April 11-16, 2005 is ESTEME (Excellence in Science, Technology, Engineering, and Mathematics Education) Week. This week offers schools the

opportunity to focus on improving math and science education. The Department of Education and NASA have teamed up this year with other governmental agencies and scientific societies to sponsor activities for ESTEME Week. Visit the ESTEME Week website at <http://www.esteme.org/index.html> to access links to agencies involved in the week, complete webquests, and to learn how you can become involved.

Earth Science Week Partners

Earth Science Week would not be possible without the support of our sponsors and partners. 2005 marks the eighth Earth Science Week event! Thank you to everyone who has been involved over the years. We are always looking for new partners, so please contact us if your group is interested in getting involved.

National Sponsor

US Geological Survey



2005 Earth Science Week Kit Partners

Incorporated Research Institutions in Seismology (IRIS)

National Aeronautics and Space Administration (NASA)

National Oceanic and Atmospheric Administration (NOAA)

National Parks Service

National Weather Service

US Geological Survey

Earth Science Week Calendar

March 31-April 3:

NSTA Annual Convention
Dallas, Texas

April 11-16:

ESTEME Week

April 22:

Earth Day
Earth Science Week Contest Kick-off

Early August:

ESW kits available for mailing

October 7:

Earth Science Week Contest
Deadline

October 9-15:

Earth Science Week 2005



**Kits will be
available for
order late this
summer!**

Contact us for more information:



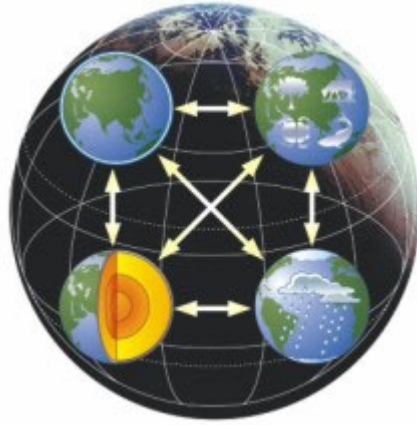
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LEARNING EARTH SCIENCE BY UNDERSTANDING THE EARTH'S SYSTEMS



How do scientists learn? By investigating. Using AGI curricula **Investigating Earth Systems** and **EarthComm**, students learn by this same method. These curricula will help students develop an understanding of the Earth sciences and will give them skills that they can use in college, their careers, and their communities.



For more information on Investigating Earth Systems or EarthComm please call 1-888-698-8463 or visit the It's About Time website at www.its-about-time.com.

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