

Geology Library Newsletter, May 2008

Summer Break is coming – remember to return your books before you leave town.

New E-Journal

Earth Science Informatics - First issue is available online at
<http://www.springerlink.com/content/1865-0473>

GEOTIMES ONLINE: NOW WITH VIDEO

Alexandria, VA The American Geological Institute (AGI) is pleased to announce the first Geotimes videocast, available both through <http://www.geotimes.org> and YouTube. The premiere videocast takes a look at the current developments related to the Chaitén eruption in Chile.

Geotimes Online is now producing original videocasts of Earth-related news. The videocasts will cover current geologic news, including natural disasters, current research and public policy affecting the geosciences. Anchored by staff writers of the magazine, the videocasts supplement Geotimes' regular earth science news items throughout the month.

New Database

Arctic & Antarctic Regions <http://library.ohio-state.edu/record=e1000928>

Collection of international polar databases covering cold regions from temperate regions with cold winters to the Himalayas of Tibet. 1800 to present.

New additions to the Geology Library Web Pages:

National Parks page – we have added more parks:

Big Bend http://library.osu.edu/sites/geology/National_Parks/bigBend.php

Arches http://library.osu.edu/sites/geology/National_Parks/arches.php

Biscayne National Park http://library.osu.edu/sites/geology/National_Parks/biscayne.php

Black Canyon of the Gunnison

http://library.osu.edu/sites/geology/National_Parks/black_canyon.php

Congaree National Park http://library.osu.edu/sites/geology/National_Parks/congaree.php

Web Sites:

Crossing Antarctica : Slideshow about Sir Edmund Hillary on the Trans-Antarctic Expedition in 1957-58. Excellent images. The slideshow is narrated by journalist **Geoffrey Lee Martin**, who accompanied Sir Edmund Hillary on the Trans-Antarctic Expedition in 1957-58.

He is the author of *Hellbent for the Pole*, an account of his trip.

He also shot all of the images in the slideshow on a 35mm Kodak Retina II camera, using Kodachrome film

<http://www.smh.com.au/multimedia/southpole/main.html>

From NSTA Express:

Using Online Games to Draw More Students into Science

Education Week reporter Katie Ash explores how science-related educational computer games can increase students' interest in science in a recent article she wrote entitled, "Building Gaming Into Science Education." "Experts say science is especially well suited for gaming because the subject stems from curiosity, inquiry, and investigation—fundamental qualities also shared by successful computer games." Read all about current computer games being used in the science classroom, what those games aim to teach, and how they affect the way students learn.

Read "[Building Gaming Into Science](#)" (*Education Week's* Digital Directions)

http://www.edweek.org/dd/articles/2008/04/30/04sciencegames_web.h01.html

Connecting Research on Climate Change with Teaching

NSTA Express readers are invited to examine a free resource for undergraduate geoscience and environmental science AP teachers and learners. "[Climate Change and Anthropogenic Greenhouse Warming: A Selection of Key Articles 1824-1995, with Interpretive Essays](#)" has launched as part of the NSF's National Science Digital Library (NSDL)

The collection, the first of NSDL's "Classic Articles in Context" project published through the NSDL Wiki, brings together 21 landmark studies, in full text, selected from the peer reviewed literature. Each study includes a detailed, level-appropriate overview written by noted author and science historian Dr. James Fleming, of Colby College, along with bibliographies of subsequent works citing the classic papers, links to additional materials held by NSDL, and pages for the environmental science community to contribute to the resource through a discussion wiki and an associated blog.

[IRIS Seismic Monitor](#) "Seismic Monitor allows you to monitor global earthquakes in near real-time, visit seismic stations around the world, and search the web for earthquake or region-related information." The maps on this site "show events retrieved from the IRIS Data Management Center's earthquake database in Seattle, Washington, which receives data from a number of sources." From the Incorporated Research Institutions for Seismology (IRIS), a university research consortium.

URL: <http://www.iris.edu/seismon/>

[Geology Labs On-line](#) An interactive site that "produces interactive, online simulations for the life science laboratory or for earth science field studies. The activities are designed to enhance an existing curriculum and include online assessments. They can be used by students ranging from middle school, high school, or college classrooms."

Virtual Dating shows "how geologists and archeologists determine the ages of rocks and ancient artifacts." Virtual Earthquake "illustrates how seismic waves ... determine the magnitude of an earthquake and to locate its epicenter." Virtual River demonstrates important processes of rivers such as discharge and flood frequency.

URL: <http://www.sciencecourseware.org/GLOL/>

[Central United States Earthquake Consortium \(CUSEC\)](#) Website for this "partnership of the federal government and the eight states most affected by earthquakes in the central United States. Those states are: Alabama, Arkansas, Illinois, Indiana, Kentucky, Mississippi, Missouri, and Tennessee." Includes descriptions of the New Madrid Seismic Zone and the Wabash Valley Seismic Zone (site of an earthquake on April 18, 2008), a link to current earthquake activity in the central U.S., earthquake safety material, and related information.

URL: <http://www.cusec.org/>

[BREATHING EARTH](#)

DESCRIPTION Breathing Earth, Browse an interactive world map depicting the time necessary for each country to emit 1000 tons of carbon plus each country's birth and death rates. URL: <http://www.breathingearth.net/>