

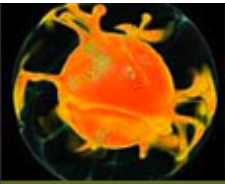
E&O is a necessary complement to the emerging, exciting Science; contribute to Broader Impacts

- Distilling Science for diverse audiences; providing contexts that are compelling, appealing; Science-E&O collaborations

High Priorities

- Coordination of EarthScope E&O Activities;
 - Structure of EarthScope E&O; coordinator, committee, funding?
 - Survey what is being done, by whom—facilities, PIs,...
 - What is needed? Look for synergies, partnerships, ...
- K-12 Teacher Training
 - On-line, distant learning; sustainable support, networking
 - Partnerships, e.g. NSTA; textbook/curriculum development

- “In-Reach” to geoscience community not yet participating
 - 2YC, Liberal Arts Colleges
 - Highlight science advances;
 - EarthScope science translated into undergraduate courses
- Public “Informal” Education
 - PR materials; need for funding, point person for ES program
 - Social networking; Facebook, etc.
 - “Free choice learning” --Museum, parks, civic groups...
- Please send us examples of your own E&O activities as examples for the Science Plan!!!



Understanding the Deep Earth

Online Workshop

Cutting Edge > Deep Earth > Understanding the Deep Earth

Search

Go

Cutting Edge

Affective Domain

...click to see 7
more...

Deep Earth

Workshop 2010

Overview

Application

Discoveries from
Mars

Early Career

Early Earth

Energy

Field Experiences

Geochemistry

Geology and
Human Health

Geomorphology

Geophysics

Hurricanes-Climate
Change

Connection

Hydrogeology

Introductory
Courses

Leadership

Metacognition

Mineralogy

Ocean System

Understanding the Deep Earth: Slabs, Drips, Plumes and More

February 17-19, 24-26, 2010
Virtual Workshop

Be a part of this virtual workshop that will explore some of the latest science relating to the deep earth and how to use it in the undergraduate classroom. In this context, "deep earth" is considered to include the deep crust as well as the core and mantle. The workshop will consist of a blend of synchronous presentations, online discussions, work time and collaborative efforts.

This workshop is for faculty who are currently invested in research and teaching about the deep earth. Participants will learn more about data, tools, and research related to the deep earth and then spend time developing and reviewing teaching activities for use in the classroom.

[Apply to participate in the workshop.](#) **Application Deadline -
December 20, 2009**

Workshop Conveners

- Cathryn A. Manduca, Science Education Resource Center, Carleton College
- David Mogk, Montana State University
- Michael Williams, University of Massachusetts - Amherst

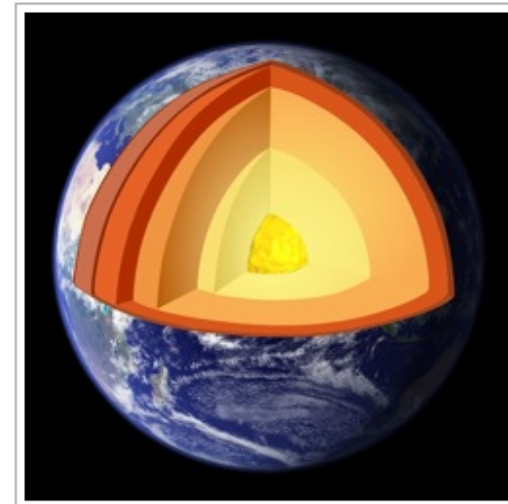


Image courtesy of Wikimedia Commons

<http://serc.carleton.edu/36589>