

# EarthScope National Meeting

Boise, Idaho - May 12-15, 2009

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Exploring the Structure  
and Evolution of the  
North American Continent

## Session Descriptions:

**1) Lithospheric deformation of the Western US** – Explores the dynamics of lithosphere deformation in western North America, including effects of the tectonic history on current deformation.

**2) Fault zone processes** – Focuses on processes active in fault zones, including results from SAFOD as well as direct observation, timing, modeling, and in-situ monitoring.

**3) Deep Earth structure and processes** – Examines deep structure from USArray (seismic and MT) data, laboratory experiments, and petrologic and geochemical studies. Topics range from core-mantle boundary to the upper mantle and its role in continent evolution.

**4) Strain transients** – Highlights discoveries on time scales of lithospheric deformation enabled by integrating data from all three EarthScope observatories.

**5) Geophysics, volcanism and geothermal resources of the Snake River Plain** – Addresses the regional volcanic and tectonic processes, including the hotspot track and Boise's geothermal system.

## Important Dates:

**Meeting Registration Opens:** February 2  
*(includes workshops and field trips)*

**Scholarship Applications Due:** February 18  
*(travel support for students and post-docs)*

**Post-Meeting Yellowstone Hotspot Field Trip Registration Deadline:** February 23

**Scholarship Acceptance Notification:** March 1

**Abstract Deadline:** March 6

**Pre-Meeting Workshop and Field Trip Proposal Deadline:** March 27

**Meeting Registration Deadline:** April 10  
*(includes pre-meeting workshops and field trips)*

Please see [www.earthscope.org](http://www.earthscope.org) for more details and meeting updates.