

# EarthCube

transforming geosciences research for the 21st century

## EarthCube End-User Domain Workshops

NSF is funding a series of EarthCube domain end-user workshops targeting a broad spectrum of **Earth, atmosphere, ocean, and related scientists, including senior and early career scientists**. Goals are to expand participation in EarthCube and **gather requirements** on science-drivers, data utilities, user-interfaces, modeling software, tools, and other needs so that **EarthCube can be designed to help geoscientists pursue transformative science**.

Previous workshops include:

- Geochemistry
- Sedimentary Record of Landscape Dynamics
- Early Career Scientists
- Structure and Tectonics
- EarthScope

Additional workshops proposed by geoscientists:

- Education and Workforce Training
- Marine Geophysics
- Sensors and Real Time Data
- Rivers & Biogeochemistry
- Paleoclimate
- Data Management Facilities
- Geochronology
- Community Modeling Facilities
- Biological Oceanography
- Geomicrobiology
- Chemical and Physical Oceanography

**Interested in organizing a workshop in your field?**

**Contact your NSF Program Officer or email Barbara Ransom [bransom@nsf.gov](mailto:bransom@nsf.gov).**

## Upcoming EarthCube Domain Workshops

### Experimental Stratigraphy

Organizer: Wonsuck Kim, University of Texas  
December 11-12, 2012  
University of Texas, Austin, TX  
Contact: [Leslie Shu, lhsu@ldeo.columbia.edu](mailto:lhsu@ldeo.columbia.edu)

### Shaping the Development of EarthCube to Enable Advances in Data Prediction and

#### Ensemble Assimilation

Organizer: Mohan Ramamurthy, Unidata  
December 17-18, 2012  
UCAR - Foothills Lab Campus, Boulder, CO  
[mohan@ucar.edu](mailto:mohan@ucar.edu)

### Engaging the Critical Zone Community to Bridge Long Tail Science with Big Data

Organizer: Anthony Aufdenkampe, Stroud Water Research Center  
January 21-23, 2013  
University of Delaware, Newark, DE  
[aufdenkampe@stroudcenter.org](mailto:aufdenkampe@stroudcenter.org)

### Envisioning a Digital Crust for Simulating Continental Scale Subsurface Fluid Flow in Earth System Models

Organizer: Jennifer Arrigo, CUAHSI  
January 29-31, 2013  
USGS Powell Center, Ft. Collins, CO  
[jarrigo@cuahsi.org](mailto:jarrigo@cuahsi.org)

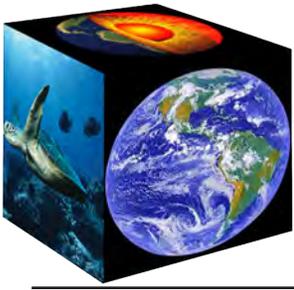
### Cyberinfrastructure for Paleogeoscience

Organizer: Anders Noren, University of Minnesota  
February 4-6, 2013  
University of Minnesota, Minneapolis, MN  
[noren021@umn.edu](mailto:noren021@umn.edu)

This informational flyer was produced under NSF Award #1256235. For official NSF EarthCube literature and information, please visit the NSF Geosciences Booth #202 at the AGU Fall Meeting or go to [www.nsf.gov/geo/earthcube](http://www.nsf.gov/geo/earthcube).

[www.earthcube.ning.com/page/earthcube-domain-workshops-schedule](http://www.earthcube.ning.com/page/earthcube-domain-workshops-schedule)





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## EarthCube Events, AGU Fall Meeting December 3-7, 2012

### Monday-Friday, December 3-7

#### EarthCube Community Engagement Booth: What do you want EarthCube to do and be?

Exhibit Hall, Booth #142

#### NSF Geosciences Booth

Exhibit Hall, Booth #202 ("NSF Street")

### Monday, December 3

#### Town Hall: Physical Samples as Part of Cyberinfrastructure

12:30 - 1:30pm, Marriott Marquis, Foothill Room F

#### EarthCube Governance Working Group: Community Engagement Workshop

1:30 - 5pm, Marriott Marquis, Foothill Room F

### Tuesday, December 4

#### IN21A - A Governance Roadmap for Cyberinfrastructure in the Geosciences (Posters)

8am - 12pm, Hall A-C (Moscone South)

#### IN21B - Data and Service Brokering: Mediating Interactions Across Diverse Resources I (Posters)

8am - 12pm, Hall A-C (Moscone South)

#### TH22G - Update of EarthCube: Past, Present, and Future (NSF Town Hall)

12:30 - 1:30pm, Room 2008 (Moscone West)

#### IN23E - Data and Service Brokering: Mediating Interactions Across Diverse Resources II (Oral Presentations)

1:40 - 3:40pm, Room 2020 (Moscone West)

#### Town Hall: Cyberinfrastructure for Paleogeoscience Domain Workshop

5:30 - 7:00 pm, Marriott Marquis, Pacific Room C

### Wednesday, December 5

#### U31A - A Community Roadmap for Discovery, Access, and Mining of Geosciences Data (Oral Presentations)

8-10am, Room 102 (Moscone South)

#### U32A - Towards a Global Infrastructure for Geosciences (Oral Presentations)

10:20am-12:20pm, Room 102 (Moscone South)

#### H33A -1282 - Hydrologic Prediction Through Earthcube Enabled Hydro- geophysical Cyberinfrastructure (Poster)

1:40-6:00pm, Hall A-C (Moscone South)

### Thursday, December 6

#### Town Hall: PolarCube, NSF Polar Programs

12-1:30pm, Marriott Marquis, Pacific Room J

### Friday, December 7

#### IN52A-01 - Making Sense of the Data Deluge: New Tools and New Methods (Oral Presentations)

10:20am-12:20pm, Room 2018 (Moscone South)

#### IN54B - Designing a Roadmap for Workflow Cyberinfrastructure in the Geosciences: From Big Data to the Long Tail

(Oral Presentations)

4pm-6pm, Room 104 (Moscone South)

[www.earthcube.ning.com/page/agu](http://www.earthcube.ning.com/page/agu)

