



Buildings and Exhibits

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| 1 Welcome Tent | 14 Featured Earth Science Lectures |
| 2 LDEO Gift Shop | 15 International Research Institute for Climate and Society / Tropical Agriculture and Rural Environment Program / Columbia Water Center / Center for Research on Environmental Decisions |
| 3 Earth2Class | 16 Marine Geology and Geophysics |
| 4 Core Repository/ Biology and Paleo Environment | 17 Tree-Ring Laboratory |
| 5 Center for International Earth Science Information Network | 18 Bathtub Science |
| 6 Seismology, Geology and Tectonophysics | 19 Borehole Research Group/ Office of Marine Operations |
| 7 Food Tent | 20 LDEO Child Development Center |
| 8 Volcano | 21 The Rose Garden |
| 9 Geochemistry | |
| 10 Academic Resources | |
| 11 Earthquake Instrument Museum | |
| 12 Ocean and Climate Physics | |
| 13 Cooperative Institute for Climate Applications and Research | |

Building	Handicap accessibility
Roadway	Restrooms
Parking lot & pathway	Shuttle stop
	Ambulance

to Front Entrance & Route 9W

Discussions, Lectures & Presentations

FEATURED EARTH SCIENCE LECTURES

Monell Building Auditorium

- 10:45 a.m.** Jeffrey D. Sachs, Director, The Earth Institute, Columbia University, *Sustainable Development in the Lead-Up to the Rio+20 Conference*
- 11:30 a.m.** *Mega Quakes Panel Discussion*
Moderated by: Geoff Abers, Associate Director of Seismology, Geology and Tectonophysics
Heather Savage, Lamont Assistant Research Professor
Donna Shillington, Lamont Assistant Research Professor
Michael Steckler, Lamont Research Professor
- 12:45 p.m.** Paul Richards, Special Research Scientist, *Monitoring for Nuclear Explosions-A Role for Seismology in Support of Nuclear Arms Control*
- 1:45 p.m.** *Climate Change & Extreme Weather: Are They Connected?*
Moderated by: Heidi Cullen, Communications Director and Research Scientist, Climate Central
Kevin Anchukaitis, Lamont Assistant Research Professor
Suzana Camargo, Lamont Associate Research Professor
Richard Seager, Palisades Geophysical Institute, Lamont Research Professor,
Jason Smerdon, Storke-Doherty Lecturer

- 3:00 p.m.** *Career Panel: Insights from Lamont-Doherty Alumni*
Moderated by: Phil Orton, Ph.D. '10, Postdoctoral Research Associate, Stevens Institute of Technology
Kerry Hegarty, Ph.D. '85, Managing Director, Sienna Cancer Diagnostics
Supria Ranade, M.S. '08, Vice President, Evolution Markets, Inc.
Kyla Simons, Ph.D. '09, Geoscientist, ExxonMobil Development Company
Kevin Wheeler, Ph.D. '07, Middle East Director, The Kaizen Company

Gary C. Comer Geochemistry Building First Floor Seminar Room

- 11:00 a.m.** Natalie Boelman, Lamont Assistant Research Professor, *Climate Change in Arctic Tundra: From Wildfire to Songbirds*
- 11:45 a.m.** Martin Stute, Ann Whitney Olin Professor and Adjunct Senior Research Scientist, *Arsenic in Groundwater: Causes, Health Effects and Solutions*
- 12:30 p.m.** Jerry McManus, Professor, Department of Earth and Environmental Sciences, *Uranium, Stopwatch of the Sea*
- 1:15 p.m.** Elizabeth Pierce, Graduate Student, Department of Earth and Environmental Sciences, *Antarctica and the Integrated Ocean Drilling Program*
- 2:00 p.m.** Bärbel Hönisch, Assistant Professor, Department of Earth and Environmental Sciences, *Ocean Acidification in Earth's History*
- 2:45 p.m.** Sidney Hemming, Professor, Department of Earth and Environmental Sciences, *Past Lake Levels at Mono Lake CA*

Marine Biology/Seismology Building Second Floor Seminar Room

- 11:00 a.m.** Klaus Jacob, Special Research Scientist, *Update on Climate Change Impacts for the Metropolitan Region*
- 11:45 a.m.** John Mutter, Professor, Department of Earth and Environmental Sciences, *Bamboo Bikes: Sustainable Transportation Solutions*
- 12:30 p.m.** Tim Creyts, Postdoctoral Research Scientist, *The Fate of Mountains Beneath the World's Glaciers and Great Ice Sheets*
- 1:15 p.m.** Dallas Abbott, Adjunct Research Scientist, *Impacts of Comets and Meteorites Over the Last 5,000 years*
- 2:00 p.m.** Michael Steckler, Lamont Research Professor, *Sinking Delta, Shifting Rivers, Rising Floods and Earthquakes: Geohazards in Bangladesh*

International Research Institute for Climate and Society Exhibit Tent #15

- 12:00 p.m.** Simon Mason, Research Scientist, *Drought in East Africa: A Famine Foretold?*
- 12:30 p.m.** Tony Barnston, Head Forecast Operations, *Everything You Want to Know About Seasonal Climate Forecasts*
- 2:00 p.m.** Carlos Pérez García-Pando, Postdoctoral Research Fellow, *Dust and Meningitis in Sub-Saharan Africa*

Lamont-Doherty Earth Observatory
COLUMBIA UNIVERSITY | EARTH INSTITUTE

The logo for 'Open House 2011' features a stylized globe icon to the left of the text 'OPEN HOUSE' in a large, white, sans-serif font. Below this, the year '2011' is written in a smaller, blue, sans-serif font.

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Shuttle Bus Information

Buses depart for the LDEO campus in Palisades, N.Y., from 120th Street (between Amsterdam and Broadway, in front of Teachers College) at 9:30 a.m., 10:00 a.m., 10:30 a.m., 11:00 a.m., 11:30 a.m., 12:00 p.m., 12:30 p.m. and 1:00 p.m.

Buses return to 120th Street (between Amsterdam and Broadway, in front of Teachers College) from LDEO at 11:00 a.m., 11:30 a.m., 12:00 p.m., 12:30 p.m., 1:00 p.m., 1:30 p.m., 2:00 p.m., 3:00 p.m., 3:30 p.m., 4:00 p.m., 4:30 p.m. and 5:00 p.m.

IBM Palisades Conference Center-LDEO Shuttle buses run continuously from 10:00 a.m. to 4:00 p.m., arriving and departing from the Geoscience Building at LDEO.