

Open House 2018



[Lamont-Doherty Open House 2018](#)

Media Advisory: Columbia University's Lamont-Doherty Earth Observatory Open House

When: Saturday, October 13, 2018 10 am – 4 pm

Where: 61 Route 9W Palisades, New York

Lamont-Doherty Earth Observatory, Columbia University's world-renowned Earth and climate science research campus, will be opening its gates to the entire community for the marquee science event of the year. [Lamont-Doherty Open House 2018](#) will continue the campus' longstanding tradition of presenting a daylong celebration and demonstration of the extraordinary scientific research happening here each and every day. The festival of learning and exploration includes hands-on demonstrations, interactive exhibits, tours of world-famous laboratories, as well as high-level lectures and panel discussions, featuring scientists who lead in their fields.

Among this year's attractions:

- Lectures by leading scientists, discussing emerging, cutting-edge research about the planet, extreme weather events, and climate trends.
- Documentary Screening of The Himalaya Connection <https://openhouse.ideo.columbia.edu/content/documentary-himalaya-connection>
- Panel Discussion: Climate Crisis: Strategies for the Future, Co-Moderated by Vanessa Murdock (CBS 2 weekend morning meteorologist and weekday reporter)
- Eco Hike
- Tour of the Lamont-Doherty Core Repository, home to thousands of cores, rocks and sediments taken from beneath the ocean floor and that show evidence of climate change, cosmic impacts and earthquakes going back millions of years. Here's a preview: <https://vimeo.com/293637261>

- Is your garden safe? Onsite Soil Testing Demonstration with Lex van Geen: <https://open-house.ldeo.columbia.edu/news/bring-your-soil-lead-testing-open-house>
- Ice Detective Challenge: A chance to sign up as a citizen scientist for PROJECT: X-SNOW!
- A Pop-Up Science Encounter: <https://openhouse.ldeo.columbia.edu/content/search-earths-secrets-pop-science-encounter>

Open House 2018 is an opportunity to learn, explore and connect with our scientists and to speak with leading experts on climate change, earthquakes, extreme weather events, volcanoes, and so much more.

Additional Exhibits:

- Geology Tours that show evidence of the last Ice Age in our area and the kind of clues Earth scientists look for.
- Center for International Earth Science Information Network (CIESIN), a research and data center that studies human interactions with the environment.
- Seismic Sound Lab, where you can experience the sounds and animations of earthquakes and seismic waves as though you were deep inside the Earth.
- GEOTRACES, the international program dedicated to identifying the processes that control the distributions of trace metals and other chemical constituents in the ocean and connecting these distributions to environmental change.
- VOLCANOES! A hands-on exhibit featuring volcanoes of different eruptive intensity, disaster planning with wax lava, volcanic rocks, and volcano research.
- Ocean and Climate Physics research on droughts, hurricanes, and other aspects of the atmospheric and oceanic circulation studied through field campaigns, data analysis, and modeling.

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