










EXPLORE THE EXHIBIT AREAS

* Climate Science & Art Exhibits 



-  Building
-  Roadway
-  Parking lot & pathway
-  Accessible Entrances
-  Restrooms
-  Shuttle stop
-  Ambulance
-  Food & Beverage
(Food & beverage tent:
9W Market)
-  Disability Services

* Last shuttle buses to Morningside Campus and CRESTRON Parking Lot leave at 4:00 pm

1. **WELCOME/GIFT SHOP TENT** Kids' Scavenger Hunt • Programs • Academic Resources
2. **EARTH2CLASS | TOUR SIGN-UPS** Mini-Workshops • Sign-ups: Eco-Dendro Hike
3. **CORE REPOSITORY | CHANGING SEA LEVEL, CHANGING COASTLINES**
Thousands of Cores, Rocks & Sediments
4. **CENTER FOR INTERNATIONAL EARTH SCIENCE INFORMATION NETWORK**
Storytelling with Maps • GRID3 on the Ground in Africa • NY State Flood Decision Support Tool • 3-D Data Viz and Live Drone Demo
5. **SEISMOLOGY, GEOLOGY & TECTONOPHYSICS**
Seismic Sounds • Rock Mechanics • Sea-level Change: Back to the Future
6. **BIOLOGY & PALEO ENVIRONMENT**
Marine Microbe Memory • Coastlines of NY, Connecticut & Alaska: How Have They Changed? • For the Love of Lakes • How Do We Sample the Hudson River? • Story Time at Lamont 
7. **GEOCHEMISTRY | LAMONT'S LUNAR LEGACY | EARTH SCIENCE LECTURES**
High School Interns Field Research • Geotraces • Soil Sampling • Space Rocks • Olivine • Earth Science Lectures
8. **VOLCANOES** Trash Can Plinian Eruptions every 30 minutes • Wax Lava Flow
9. **OCEAN & CLIMATE PHYSICS**
Air Cloud in a Bottle • Rotating Tank • Global Warming • Hurricanes • Caroline Juang Art Exhibit 
10. **DRONE VIDEO SCREENING**  Enjoy an Immersive Drone Video Experience
11. **EARTH SCIENCE LECTURES** (*Schedule on Back*)
12. **MARINE GEOLOGY & GEOPHYSICS**
Sound in Water • Polar Explorer & Thwaites Explorer • Hudson River Field Station • Volcanoes Made the Palisades • Earthquake Cores • Polar Intelligence • Polar Puzzles • Greenland Rising • AntARctica • Ice Flows • Field Instruments
13. **THE TEMPESTRY PROJECT**  Make Your Own Fiber Art with Temperature Data • View Finished Pieces
14. **TREE-RING LAB** Tree-Ring Samples & Field Photography 
15. **SCIENTIFIC OCEAN DRILLING / OFFICE OF MARINE OPERATIONS / GMRT & NIPPON**
In Search of Earth's Secrets • Deep Sea Core Replicas • "Gumby" Safety Suits • Marine Operations: *R/V Marcus G. Langseth* • Mapping the world's oceans • Explore and Visualize Geoscience Data for Free!

OPEN HOUSE

SATURDAY, OCTOBER 8, 2022 | 10AM to 4PM



SHUTTLE BUS INFORMATION

- **120th Street, Manhattan to LDEO:** Buses depart for the LDEO campus from 120th Street (between Amsterdam and Broadway, in front of Teachers College) in 15-minute increments beginning at 9:15 am until 1:15 pm.
- **LDEO to 120th Street:** Buses return to 120th street from LDEO in 15-minute increments beginning at 11:00 am through 12:30 pm and from 1:30 pm ending at 4:00 pm.
- **CRESTRON Parking Lot to/from LDEO:** Shuttle buses run continuously from 10:00 am to 3:00 pm (Open House event parking closes at 3pm) arriving and departing in front of the Geoscience Conference Building at LDEO.

We gratefully acknowledge the generous support of our sponsors:



Florentin Maurrasse • South Orangetown Ambulance Corps

All visitors are required to comply with the university's health and safety guidelines, including mandatory primary COVID-19 vaccination for all eligible individuals. Visitors should provide proof of vaccination if asked.

LECTURES AT OPEN HOUSE

Featuring Lamont-Doherty Earth Observatory and Columbia University Professors, Researchers and Scientists


* Climate Science & Art Exhibits 

Exhibit 11

MONELL BUILDING AUDITORIUM

- 10:30 am **Pollution in Your Backyard**, Moderator: Maria Tzortziou
Panelists: Andy Juhl, Dandan Wei and Beizhan Yan
- 11:30 am **UN Climate Negotiations, Adaptation and Development: Perspectives from the International Research Institute for Climate and Society**, John Furlow
- 12:30 pm **Early Career Scientist Panel Discussion**
- 1:30 pm **Massive Volcanism and Climate Change: The Mechanics of Global Warming before Flood Basalts Erupt**, Roger Buck
- 3:00 pm **Co-Production of Knowledge/Diversity and Community Partnership**,
Moderator: Benjamin Bostick
Panelists: Kristina Douglass, Lex van Geen and Chris Zappa

Exhibit 7


GARY C. COMER GEOCHEMISTRY BUILDING Seminar Room, 1st Floor

- 10:30 am **Turning CO2 to Stone**, Martin Stute
- 11:30 am **Which way is Up? How a Knowledge of Earth's Gravity is Vital to our Living with Climate Change**, Jim Davis
- 12:30 pm **Time is deep - How do we know?**, Alberto Malinverno
- 1:30 pm **Hurricane Risk in a Changing Climate**, Chia-Ying Lee
- 2:30 pm **How to Reconstruct Climate Change and Atmospheric CO2 in the Past**,
Bärbel Hönlisch

Exhibit 2

GEOSCIENCE CONFERENCE ROOM, 1st Floor

ROOM 204 (E2C) Mini-Workshops

- 10:00 am - 12:30 pm
The Farm to Building Project Design, Columbia Graduate School of Architecture, Preservation, and Planning (GSAPP)  Lola Ben-Alon and Tommy Schaperkötter
- (E2C) Mini-Workshops
- 11:00 am **The Earth2Class Teachers' and Students' Program**, Mike Passow
- 1:30 pm **Exploring Alaska's Landscapes through Inspiring Girls' Expeditions**, Journey Berry

OPENHOUSE.LDEO.COLUMBIA.EDU

#LamontRocks

