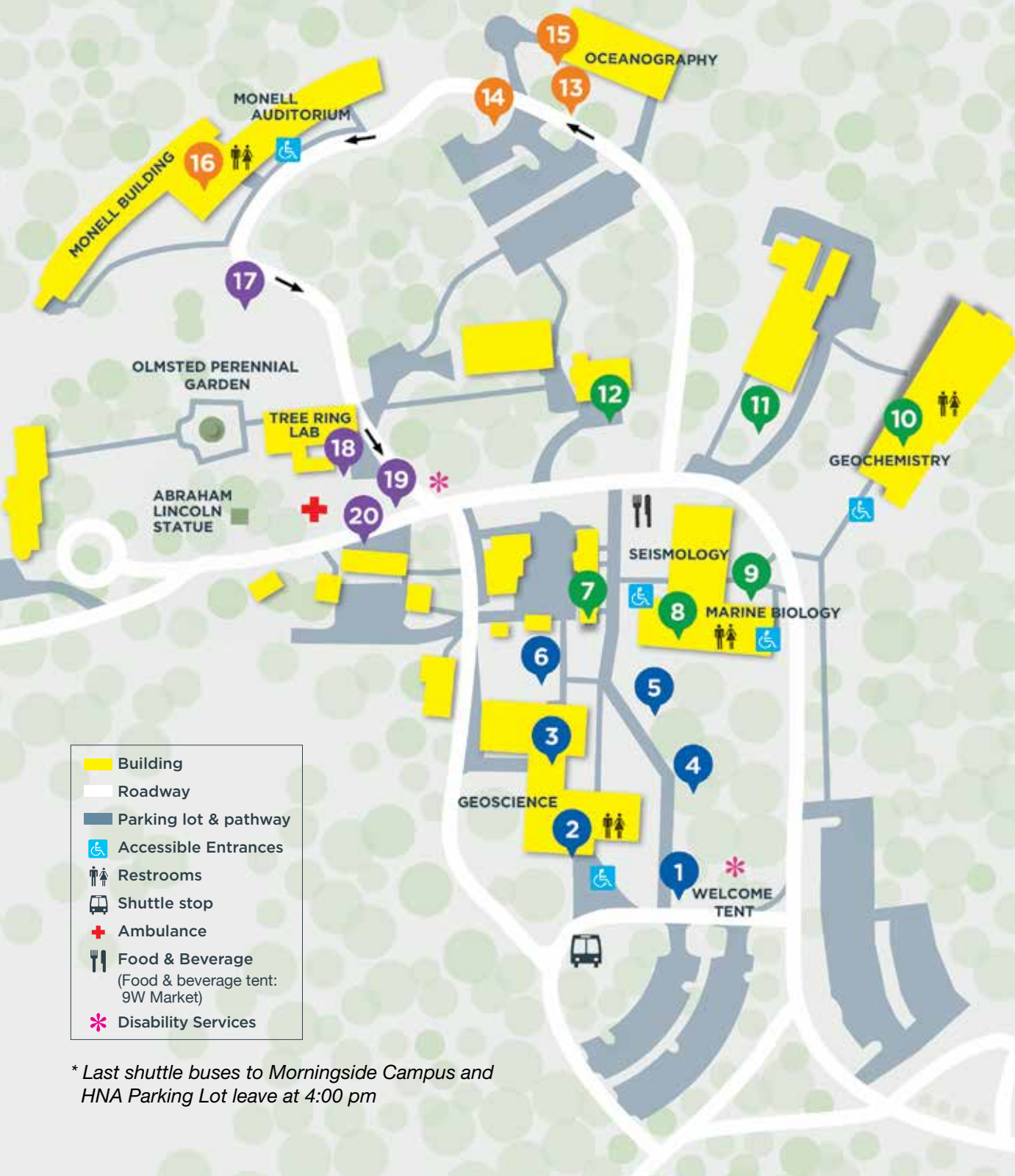


EXPLORE THE EXHIBIT AREAS

1. **WELCOME/GIFT SHOP TENT** Kids' Science Passports • Programs • Surveys
2. **EARTH2CLASS | TOUR SIGN-UPS**
Mini-Workshops • Sign-ups: Dendro Eco-Hike, Geology Tour, Superhero Clubhouse Hike, Campus Tour
3. **CORE REPOSITORY | CHANGING SEA LEVEL, CHANGING COASTLINES**
Thousands of Cores, Rocks & Sediments
4. **CENTER FOR INTERNATIONAL EARTH SCIENCE INFORMATION NETWORK**
Jamaica Bay Flood Busters • Population and Environment • HazPop
5. **SUSTAINABLE COLUMBIA** Columbia University • NY511 Ride Share • Sierra Club • Orange & Rockland
6. **PHOTOBOOTH**
7. **ELECTROMAGNETIC GEOPHYSICS LAB**
8. **SEISMOLOGY, GEOLOGY & TECTONOPHYSICS** Seismic Sounds • Real Time Earthquake Monitoring
9. **BIOLOGY & PALEO ENVIRONMENT**
Marine Microbe Memory • Coastlines of NY, Connecticut & Alaska: How Have They Changed? • For the Love of Lakes • Sampling the Hudson River
10. **GEOCHEMISTRY | LAMONT'S LUNAR LEGACY | EARTH SCIENCE LECTURES**
Thermal Ionization Mass Spectrometer Lab • High School Interns Field Research • Glaciers & Past Climate • Geotraces • Soil Sampling • Space Rocks • Lamont's Lunar Legacy • Olivine • Women in Science • Earth Science Lectures
11. **VOLCANOES** Trash Can Plinian Eruptions every 30 minutes
12. **SEISMOGRAPH MUSEUM**
13. **LDEO CHILD DEVELOPMENT CENTER** Hands-on Activities by Bright Horizons Child Care
14. **INTERNATIONAL RESEARCH INSTITUTE FOR CLIMATE & SOCIETY**
Probability, Climate, and Forecast Games • Field Photography
15. **OCEAN & CLIMATE PHYSICS**
Air Quality Bracelets • Cloud in a Bottle • DIYnamics • IR Temperature Measurements • Rotating Tank • Climate Change • Ocean Circulation
16. **ACADEMIC RESOURCES | EARTH SCIENCE LECTURES | ALLIANCE BERNSTEIN**
17. **MARINE GEOLOGY & GEOPHYSICS**
Sound in Water • GeoMapApp, EarthObserver, Polar Explorer & Thwaites Explorer • Himalayas Sandbox • X-SNOW Ice Detectives • Ice Fractures • ROSETTA: Magnetism & Gravity • ICE: Glaciers, Ice Sheets & Timelapse • Alaska Field Work • Bike Trip • Science Superheroes
18. **TREE-RING LAB** Tree-Ring Samples & Field Photography
19. **BATHTUB SCIENCE** Demos every 30 minutes starting at 10:45am
20. **INTERNATIONAL OCEAN DISCOVERY PROGRAM (IODP) / OFFICE OF MARINE OPERATIONS**
In Search of Earth's Secrets • Deep Sea Core Replicas • "Gumby" Safety Suits • Marine Operations: R/V *Marcus G. Langseth*



- 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 HNA Parking Lot leave at 4:00 pm

OPEN HOUSE

SATURDAY, OCTOBER 5, 2019 | 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.
- **HNA Palisades Conference Center 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.

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LECTURES AT OPEN HOUSE

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

Exhibit 16

MONELL BUILDING AUDITORIUM

- 10:30 am **Lamont at 70: Progress and Promise**, Sean C. Solomon
- 11:30 am **Earth Shaking Research: The Science of Earthquake Forecasting**, James Gaherty
- 12:30 pm **Coupled Conundrums: Climate Change and Air Pollution**, Arlene Fiore and Dan Westervelt
- 1:30 pm **Beyond Hot Headlines: New Frontiers in Effective Climate Communication**, Moderator: Andy Revkin, Introduction: Alex N. Halliday
Panelists: Robin Bell, Jeff Berardelli (CBS), Vanessa Murdock (CBS), Kendra Pierre-Louis (NY Times), Kyle Pope, Park Williams
- 3:00 pm **Changing Ice: Observations from Land, Air and Sea**, Kirsty Tinto and Jonny Kingslake

Exhibit 10

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

- 10:30 am **Sea-Level Change: Is New York the Worst Place to Be?**, Jim Davis
- 11:30 am **Sinking River Deltas: the Canary in the Coal Mine for Climate Change?**, Mike Steckler
- 12:30 pm **Update on Potential Sources of Child Exposure to Lead in New York and New Jersey, with Emphasis on the Importance of Community Participation**, Lex van Geen
- 1:30 pm **Time is Deep—How do we Know?**, Alberto Malinverno
- 2:30 pm **Rising Atmospheric Carbon Dioxide - Why do we Care?**, Bärbel Hönlisch

Exhibit 2

GEOSCIENCE CONFERENCE ROOM, 1st Floor EARTH2CLASS (E2C) Mini-Workshops

- 11:00 am **Earth2Class and Other Opportunities for Students and Teachers**, Mike Passow
- 12:00 pm **Mapping the Ocean Floor from Space: A Hands-on Workshop Created by the American Meteorological Society Maury Project**, Sarah Gribben
- 1:00 pm **Polar Research Studies: Report from 2019 LDEO Summer Interns**, Journey Berry
- 2:00 pm **Earth2Class and Other Opportunities for Students and Teachers**, Mike Passow

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[#LamontRocks](#)

