

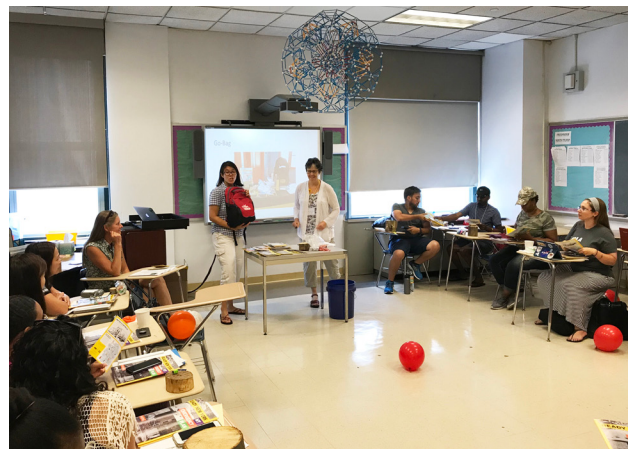
## “Climate to Go” Science Education for New York City Teachers

Climate change poses significant risks to New York City’s communities and infrastructure, including schools. New York Sea Grant (NYSG) extension is contributing its expertise with New York City-specific, science-based curriculum development to help teachers, students and communities.

In 2018, NYSG partnered with the Cornell University-affiliated Paleontological Research Institute Museum of the Earth (PRI) to promote PRI’s recently-published *The Teacher-Friendly Guide to Climate Change*, and to develop and deliver a professional development workshop for teachers via the New York City Department of Education STEM Institute.

The workshop focused on four areas of climate education: (1) climate science, (2) climate action and mitigation strategies, (3) climate change resilience, including the creation of emergency preparedness “go-bags” for schools and families, and (4) climate communication strategies. NYSG’s focus on resilience education included developing the climate-related go-bags, featuring information, tools and resources recommended by New York City Emergency Management.

The three-day workshop served 18 K-12 teachers from across New York City. The program included curriculum implemented in the classroom as well as field lessons at the new Cornell Tech campus on Roosevelt Island. One participant reported, *“This workshop provided numerous resources and*



*NYSG educators Helen Cheng, left, and Nordica Holochuck introduce climate go-bags to NYC teacher workshop participants. Photo: NYSG/Ryan Strother*

*approaches to climate change. This has allowed me to rethink how I can teach my kids what they need to know and what they can do.”*

A subset of the teachers who participated in the workshop are continuing their work in 2019 with PRI.

NYSG has introduced climate-focused ‘go-bags’ to additional teachers and other traditional teaching groups in New York City and along the Hudson Estuary.

### Partners:

- Paleontological Research Institute Museum of the Earth
- Science and Resilience Institute at Jamaica Bay
- Cornell Tech, Roosevelt Island
- New York City Department of Education



*NYSG educator Nordica Holochuck, right, leads New York City teachers through a sea level rise visualization activity. Photo: Jason Koski/Cornell University Photography*

### ***The Sea Grant Focus Area for this project is New York Resilient Communities & Economies***

New York Sea Grant is a joint program of Cornell University, the State University of New York, and NOAA.

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