

**9:15 a.m.:** **Opening Remarks**

**Jase Bernhardt, PhD**, *Assistant Professor*  
*Department of Geology, Environment and Sustainability*  
*Hofstra University*  
*Symposium Director*

**9:30– 11 a.m.:** **Historic Long Island Hurricanes:  
The Long Island Express and Other “Big Ones”**

This panel will discuss the history and meteorology behind some of the most famous Long Island hurricanes, including 1938, Sandy, and other notable storms.

- **Lourdes B. Aviles, PhD**, *Professor of Meteorology, Plymouth State University*
- **Johnathan C. Bergman, JD, PhD**, *Independent Scholar*
- **Nicholas K. Coch, PhD**, *Professor of Geology, Queens College*
- **Roger D. Turner, PhD**, *Research Fellow, Science History Institute*

**11:15 a.m.–12:45 p.m.:** **Keynote Speaker, Student Center Theater**



**Dr. Louis W. Uccellini\***  
*Assistant Administrator for Weather Services*  
*National Oceanic and Atmospheric Administration (NOAA)*  
*Director, National Weather Service*

In this role, Dr. Uccellini is responsible for the day-to-day civilian weather operations for the United States, its territories, adjacent waters, and ocean areas.

**1–2 p.m.:** **Lunch** (*on your own*)

**1-2 p.m.:** **Exhibition and Hurricane Preparedness Fair**  
**Multipurpose Room, Mack Student Center, North Campus**

Governor’s Office of Storm Recovery  
National Weather Service, New York Office  
New York Sea Grant  
Hurricane Virtual Reality Experience  
Book signings with Dr. Uccellini and Dr. Aviles

\*Awarded the Joseph G. Astman Distinguished Symposium Scholar, Hofstra University. The award was established in 1985 in recognition of the outstanding role of the late founder of the Hofstra Cultural Center. Astman was a humanist, a cultural comparatist, and an international scholar.

**2-2:40 p.m.:** **Looking Backward: Stories of Long Island Hurricanes**  
**Multipurpose Room, Mack Student Center, North Campus**

**Jack Schnirman**, *Nassau County Comptroller*  
*Former Long Beach City Manager during Sandy*

**Moderator:** **Mary Anne Trasciatti**, *Associate Professor*,  
*Department of Writing Studies and Rhetoric, Hofstra University*  
*Director, Superstorm Sandy Oral History project, Long Beach, NY*  
*President, The Triangle Factory Fire Coalition Inc.*

**2:55–4:20 p.m.:** **Staying Ahead of the Storm: Current Hurricane Forecasting Techniques**

This panel will assess how we predict tropical cyclones and communicate potential hazards and uncertainty to the public.

- **Dr. Jennifer Collins**, *Associate Professor of Geosciences, University of South Florida*
- **Dr. Chia-Ying Lee**, *Associate Research Scientist, International Research Institute for Climate and Society, Columbia University*
- **David Vallee**, *Hydrologist-in-Charge, Northeast River Forecast Center*
- **Nelson Vaz**, *Warning and Coordination Meteorologist, National Weather Service, New York Office*
- **David Wally**, *Tropical Lead Meteorologist, National Weather Service, New York Office*

**4:30–6 p.m.:** **Looking Ahead: How Do We Prevent Another Sandy?**

This panel will cover how we are incorporating tropical cyclone risk into planning for Long Island’s sustainable future.

- **Daniel Bader**, *Program Manager, Consortium for Climate Risk in the Urban North, Columbia University*
- **Jeanmarie Buffett**, *AICP, Director, Community Reconstruction - Long Island and Infrastructure Programs, Governor’s Office of Storm Recovery*
- **Dr. Laura Lally**, *Associate Professor of Information Systems and Business Analytics, Hofstra University*
- **Laura Munafo**, *Deputy Director, New York Rising Community Reconstruction – Long Island, Deputy Director, Infrastructure, Program Manager, Rebuild by Design: Living with the Bay, Governor’s Office of Storm Recovery*
- **Dr. Adam Sobel**, *Professor of Earth and Environmental Sciences, Columbia University*
- **Dr. Jason Williams**, *Professor of Biology, Hofstra University*

## *Acknowledgements*

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*Hofstra University departments:*

Department of Geology, Environment and Sustainability

Hofstra College of Liberal Arts and Sciences

Office of the Vice President of University Relations



HOFSTRA CULTURAL CENTER

presents a symposium

# LONG ISLAND HURRICANES ON THE 80TH ANNIVERSARY OF THE 1938 STORM: PAST, PRESENT, AND FUTURE

Wednesday, October 3, 2018

The unnamed 1938 hurricane — nicknamed the Long Island Express due to its fast-forward motion and initial landfall in Suffolk County — brought abrupt and untold devastation to the northeastern United States, particularly Long Island's East End. Despite that storm, and several subsequent New York hurricane landfalls in the following decades, the recent experience of Sandy underscores our vulnerability to tropical cyclone impacts, particularly storm surge and coastal flooding. This symposium investigate our current knowledge of hurricane forecasting, which has mead great strides since 1938 but still lacking in certain areas, particularly in communicating storm-related information to stakeholders. We will also discuss how future planning and sustainable development must account for future tropical cyclone impacts, keeping in mind lessons learned from past events.

**All events will be held in the  
Leo A. Guthart Cultural Center Theater,  
Joan and Donald E. Axinn Library, First Floor, South Campus,  
unless otherwise noted.**