

2025 Finger Lakes Research Conference

Thursday, January 30, 2025

Vandervort Conference Room, Scandling Campus Center (2nd Floor)
Hobart and William Smith Colleges ([campus map](#)), Geneva, NY 14456

Program Overview	
8:15 a.m.	Registration and Poster Set Up
8:45-9:00 a.m.	Welcome and Overview Lisa B. Cleckner , Director, Finger Lakes Institute at Hobart and William Smith Colleges
9:00-9:30 a.m.	Satellite-Based Monitoring of Water Quality in the Finger Lakes: Generating Wall-to-Wall Secchi Disk Depth Maps Using Machine Learning Tools and Landsat8 Data Eniola Onatayo , Graduate Research Assistant, State University of New York College of Environmental Science and Forestry
9:30-10:00 a.m.	Volunteer Monitoring in Environmental Justice Areas and Disadvantaged Communities Alene Onion , Research Scientist, New York State Department of Environmental Conservation Division of Water
10:00-10:30 a.m.	Determining the Source of Aquatic Foam in the Finger Lakes: Insights into Cyanobacterial Harmful Algal Blooms in Low-Nutrient Systems Stella Woodard , Geoscientist and Consultant, Global Aquatic Research
10:30-11:00 a.m.	Break
11:00-11:30 a.m.	Documenting Plant Community Responses in Ohio and New York to Emerald Ash Borer-Caused Tree Mortality Across Varying Degrees of Soil Wetness and Other Stressors Brian Hoven , Assistant Professor of Biology, State University of New York at Geneseo
11:30 a.m. – 12:00 p.m.	Advancing Knowledge of Aquatic Invasive Species in the Finger Lakes with Prevention and Early Detection Programs Sam Beck-Andersen , Associate Director of Invasive Species Programs, Finger Lakes PRISM Coordinator, Finger Lakes Institute at Hobart and William Smith
12:00 – 1:15 p.m.	LUNCH
1:15 – 1:50 p.m.	Do Model Presumptions Match Reality? Using Long-Term Monitoring Stations in NY to Consider the Role of Land Use on Watershed Nutrient Export Stephen Shaw , Co-director, NYS Center of Excellence in Healthy Water Solutions, Professor and Chair of Environmental Resources Engineering, State University of New York College of Environmental Science and Forestry
1:50 – 2:20 p.m.	Colonial Life: Patterns of HABs in the Finger Lakes Revealed via Cyanobacteria Colony Analysis and eDNA-Based Tools Ruth Richardson , Associate Professor of Civil and Environmental Engineering, Faculty Fellow, Atkinson Center for a Sustainable Future, Cornell University
2:20 – 2:30 p.m.	Closing Remarks Lisa B. Cleckner , Director, Finger Lakes Institute at Hobart and William Smith Colleges
2:30 – 4:00 p.m.	Poster Session and Reception