

# 3rd Annual LISS Sustainable and Resilient Communities Workshop



Long Island Sound Study  
A Partnership to Restore and Protect the Sound



## Session #2: Resilience Tools

Tuesday, December 10, 2024 – 1:30-3:30 PM

Register here:

[https://cornell.zoom.us/meeting/register/tJ0oc-CpqDwoGtIFmLWZzAVr\\_nCxKIEox90B](https://cornell.zoom.us/meeting/register/tJ0oc-CpqDwoGtIFmLWZzAVr_nCxKIEox90B)

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This session will feature presentations about new Resilience Tools being developed and used throughout coastal Long Island Sound!

Presentation titles and short bios are provided below for all guest speakers.



### **Compound flood risk across Long Island Sound: an interactive mapping tool for informed risk management**

Robin Glas, Hydrologist, U.S. Geological Survey - New York Water Science Center

Robin Glas is a hydrologist for the US Geological Survey, based out of the Troy office of the New York Water Science Center. Her experience spans the fields of groundwater, surface water, statistical hydrology, and geophysics. She earned her PhD from Syracuse University in 2018, studying glacier-groundwater interactions in the Peruvian Andes. Currently, she works on problems pertaining to flood frequency for New York State and also nation-wide. Robin has a background in education and is a former middle school teacher, having taught both in the US and in Argentina. Robin's part in the Long Island Sound compound flood mapper has been the multivariate statistical analysis, the results of which will be integrated into this publicly available mapping tool.



### **Long Island Culverts and the Prioritization Mapping Toolkit**

Enrico Nardone, Executive Director, Seatuck Environmental Association (*he/him*)

As Executive Director, Enrico leads and manages the overall operations, ensuring the Seatuck's mission is carried out effectively and efficiently. He oversees staff, fundraising, program development, and partnerships, while advocating for the organization's goals and representing it to stakeholders and the public.



Kaitlin Mattei, Conservation Project Manager, Seatuck Environmental Association (*she/her*)

Katie's responsibilities at Seatuck encompass overseeing and coordinating aquatic connectivity projects aimed at enhancing or restoring local wildlife populations and preserving riparian habitats, as well as advocating for dam removal when deemed necessary.



### **Road Stream Crossing Management Plans**

Mike Jastremski, Watershed Conservation Director, Housatonic Valley Association

Mike leads HVA's Watershed Conservation program. The Watershed Conservation team manages a wide variety of projects related to watershed and stream corridor management, water quality conservation, aquatic habitat restoration and recreation enhancement. Mike has a masters degree in Landscape Architecture with an emphasis in Conservation Biology and Ecosystem Management from the

University of Michigan's School of Natural Resources and Environment, and is certified as a Floodplain Manager through the Association of State Floodplain Managers.



### **The Connecticut Watershed Model**

Kathleen Knight, Long Island Sound Project Coordinator, Connecticut Department of Energy & Environmental Protection

Kathleen Knight is an environmental analyst with the Connecticut Department of Energy and Environmental Protection agency. Kathleen has an MS in Natural Resource Management and Engineering from the

University of Connecticut. Immediately after graduating Kathleen joined the agency in 2008 and the agency's Long Island Sound Study (LISS) program in 2020. In the Long Island Sound Study program, Kathleen manages a variety of the LISS projects including the development of the Statewide watershed model.