

NJ Community Water Monitoring Summit

November 13, 2025 | Rutgers Eco Complex (Fieldsboro)



AGENDA		
9:30-10:00	Check-In and Light Breakfast	
	Welcome	
10:00-10:15	Welcome to the NJ Community Water Monitoring Summit	Vic Poretti NJDEP
10:15-10:30	Updates from the NJ Watershed Watch Network	Erin Stretz The Watershed Institute
	Long-Term Monitoring Programs	
10:30-10:50	A Decade of Monitoring the Paulins Kill Watershed Together	Chloe Pearson The Nature Conservancy - NJ
10:50-11:10	Data to Action in the Delaware River Watershed	Faith Zerbe Delaware Riverkeeper Network
11:10-11:30	StreamWatch Stories: Bridging Volunteer Effort and Real-World Data	Jian Smith The Watershed Institute
11:30-12:15	Lunch	
12:00-12:30	Poster Session	
	Novel Experiences	
12:30-12:50	The Paulins Kill Watershed Community: Our Unique Approach for River and Watershed Conservation	David de Wit and Brian Sayre Foodshed Alliance
12:50-1:10	Becoming a Certified Lab with the NJDEP Office of Quality Assurance	Christa Reeves and Craig Fleming Musconetcong Watershed Association
	Water Quality Mitigation Strategies	
1:10-1:30	Rally for the Waterways: A "No-Blame, Find-it, Fix-it" Approach to Pollution Source Trackdown and Elimination	Swarna Muthukrishnan, PhD Clean Ocean Action
1:30-1:50	Mitigation of Persistent Harmful Algal Bloom (HAB) in Lakes using Sustainable Mechanical Separation Approaches	Wen Zhang, PhD New Jersey Institute of Technology
1:50-2:00	Break	
	Data and Assessment Tools	
2:00-2:20	Displaying Current Conditions of Water Quality Data in the NY/NJ Harbor through Tableau Dashboards	Ryan Minor NJDEP
2:20-2:40	Graphing and Processing Continuous Water Monitoring Data	Silvia Clark NJDEP
2:40-3:00	WatershedNJ: Watershed Health Assessment Tool	Janine Barr Rutgers University
3:00-3:30	Small group discussion and feedback Training Capabilities and Needs • Data and Information Sharing • Water Quality Monitoring	
	Optional Networking Happy Hour	Corner House Tavern (Columbus)

POSTERS

Unique Partnerships Support Barnegat Bay Water Quality Monitoring Program	Ryan Hughes NJDEP
How Community Water Monitoring Data Drives Action and Protects New Jersey's Water Resources	Deborah Kratzer NJDEP
AmeriCorps NJ Watershed Ambassadors Program	Daniel Magda & Mike Sherr Americorps NJ Watershed Ambassador Program
Wargo Pond: Whole System Characterization through Community Collaboration to Design Tailored HAB Restoration	Claire Paul Western Colorado University, The Watershed Institute, NJDEP
New Jersey Beaches Floatable Debris Study	Marina Reid NJDEP
Americorps Projects in the Parks	Cameron Shapiro Americorps NJ Watershed Ambassador Program, NJDEP
Road Salt Usage and Its Impact on Overburdened Communities	Erin Stretz The Watershed Institute
PFAS in Water, Soil, and Air: Mitigation Strategies Using Advanced Membrane, Nanobubble, and Effective Monitoring Tools	Wen Zhang, PhD New Jersey Institute of Technology
Raman-Based Identification and Quantification of Microplastics in Food and Agricultural Wastes	Guangyu Zhu, PhD New Jersey Institute of Technology