

NJ Community Water Monitoring Summit



November 13, 2025 | Rutgers Eco Complex (Fieldsboro)

AGENDA

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

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