

2025 National Monitoring Conference-at-a-Glance

Note: Tentative Schedule (sessions may be scheduled on a different day/time)

MONDAY, March 10: Optional Workshops, Side meetings and Technical Field Trips

12:00-5:00 pm	Registration Opens: KI Center Lower South Registration Counter								
Optional Field Trips (Note: All field Trips have limited availability and require add-on registration priced at transportation cost):									
12:30–5:00 pm	Field trip option 1 – Sturgeon Bay and Doors County Geology and Hydrology								
1:00–3:30 pm	Field trip option 2 – Reducing Nutrients to Green Bay Through Innovative Partnerships: Fox River Water Treatment Plant Tour and Green Bay								
2:00-5:00 pm	Field trip option 2 – UW-Green Bay –Natural History Research and Local Fish, Wildlife and Water Quality Monitoring								
A Sessions 12:30–2:15	A1								
	WORKSHOP 10: Spatial Stream Network Analysis Using R and SSN2 (Requires Workshop Registration add-on – no cost)								
2:15 – 2:30	Break – on own								
B Sessions 2:30 – 5:00	B1				B2				
	WORKSHOP 10: Spatial Stream Network Analysis Using R and SSN2 (continued)				Tribal Technical Exchange: Nonpoint Source and Monitoring Invitation Only. Contact: king.whitney@epa.gov for registration.				

TUESDAY, March 11: NMC Conference

7:00am-4:45pm	Registration: KI Center Lower South Registration Counter								
7:15 –8:15	Grab and Go Breakfast in Exhibition								
8:30 – 10:00	Plenary Speakers - TBD								
10:00 –10:30	Beverage Break in Exhibition								
	C1	C2	C3	C4	C5	C6	C7	C8	C9
C Sessions 10:30 –12:15	S19: Reaching Across the USA – Stories from Regional Coastal Monitoring	S38: Monitoring, Assessing, and Managing Nitrate in Groundwater	S58: Taking Stock: The State of Aquatic Monitoring and Assessment Science	S48: Green Infrastructure in the Great Lakes: Assessment of Performance, Barriers, and Unintended Consequences	S08: Monitoring in the Illinois River Basin	S20: Advanced Statistical Methods Applied to Monitoring Data	PANEL 9 Monitoring to measure agricultural conservation effectiveness	WORKSHOP 4 White River RAFTing: an advanced volunteer sampling program and targeted outreach strategy	Facilitated Roundtable 2 National Aquatic Resource Surveys – Collecting stakeholder input to expand and enhance the application of NARS data
12:15 – 1:30	Buffet Lunch in Exhibition								
1:30-3:00	Networking Block- small group interactions – see group assignment on nametag and app for instructions								

3:00 – 3:30	Beverage Break-in Exhibition								
D Sessions 3:30 – 5:00	D1	D2	D3	D4	D5	D6	D7	D8	D9
	S19: Reaching Across the USA – Stories from Regional Coastal Monitoring	S40: Implementing Protection: Monitoring and Assessment as Local Strategies to Protect Healthy Watersheds & High-Quality Waters	S07: Vadose Zone Monitoring for Groundwater Quality Protection	S15: How Do We Make Volunteer Monitoring More Accessible?	S33: Using Monitoring Data to Evaluate Innovative Urban Stormwater BMP Performance	S08: Monitoring in the Illinois River Basin	S20: Advanced Statistical Methods Applied to Monitoring Data	PANEL 5 Navigating the Microplastics Crisis: Monitoring and Mitigating	WORKSHOP 13 Evaluate the reliability and relevance of water-quality data for use in environmental assessments: Criteria for Reporting and Evaluating Exposure Data (CREED)
5:00 – 6:30	Exhibitor and Poster Reception-in Exhibition Hall								

WEDNESDAY, March 12: NMC Conference

7:00 – 8:30	Breakfast -in Exhibition								
E Sessions 8:30 – 10:00	E1	E2	E3	E4	E5	E6	E7	E8	E9
	S16: Surface Water Contamination and Potential Risks for Human and Aquatic Life	S02: Water Quality Assessments Using 'Omics Tools	S36: Water Quality Driven Water Availability Challenges: Historical, Current, and Future	S61: Leveraging Water Quality Monitoring as a Tool to Increase Involvement of Underserved Communities	S41: Strategic Approaches for Nonpoint Source BMP Effectiveness Monitoring	S63: Microorganisms of Global Concern	S60: Enhancing Data Literacy Utilizing Open-Source Programming Language	Facilitated Roundtable 1 Real-Time Decision Making and Use of Remote/Continuous Monitors for HAB Management	WORKSHOP 7 dataRetrieval: Discover and Obtain Water Data from USGS and WQP services in R (or Python!)
10:00 – 10:30	Beverage Break-in Exhibition Hall								
F Sessions 10:30 – 12:00	F1	F2	F3	F4	F5	F6	F7	F8	F9
	S16: Surface Water Contamination and Potential Risks for Human and Aquatic Life	S37: Leveraging Earth Observations for Enhanced Water Quality Management	S09: Community Monitoring and Environmental Change: Volunteer Scientists Share Experiences <i>and Success Stories</i>	S17: Breaking Down the Facts: Measuring, Monitoring, and Mitigating for Microplastics	S41: Strategic Approaches for Nonpoint Source BMP Effectiveness Monitoring	S05: Harmful Algal Bloom Method Development and Application	S04: Volunteer Monitoring Data Management & Visualization Best Practices	PANEL 1 Incorporating Exposure Risk into Monitoring Approaches	WORKSHOP 12 Creating Efficient and Reproducible Water Quality Analysis Workflows Using Shareable R Code
12:00 – 1:30	Lunch-in Exhibition Hall								

12:00 – 1:30	“Fluid 5K” Run/Walk (preregistered participation only) Box Lunch Will Be Provided								
1:00 – 2:00	Extended Exhibit & Poster Viewing- Exhibit Hall								
2:00 – 5:00	Field trip option-TBD								
G Sessions 2:00 – 3:30	G1	G2	G3	G4	G5	G6	G7	G8	G9
	S16: Surface Water Contamination and Potential Risks for Human and Aquatic Life	S27: Submersibles, Speedboats, and Satellites: Water Quality Monitoring Over a Range of Temporal and Spatial Scales Using Optical Measurements	S10: Agricultural Stressors on Environmental Health	S21: Understanding the Occurrence, Ecological Effects, and Rolling Out Solutions for 6PPD-Quinone	S25: Is Bigger Always Better? Spatial Resolution in Environmental Monitoring	S05: Harmful Algal Bloom Method Development and Application	S22: You Have Data, Now What? Getting to Action to Address Wide-Spread Water Quality Issues (Regional, National)	PANEL 6 Increasing participation in water quality monitoring	WORKSHOP 3 Actionable Data with Shiny Dashboards
3:30 – 4:00	Beverage Break								
H Sessions 4:00 – 5:30	H1	H2	H3	H4	H5	H6	H7	H8	H9
	S16: Surface Water Contamination and Potential Risks for Human and Aquatic Life	S39: Targeting Protection: Monitoring and Assessment Approaches to Identify and Prioritize Protection of Healthy Watersheds & High-Quality Waters	S47: Eutrophication Trends	S42: Assessing Water Quality Trends and Advancing Nutrient Reduction Efforts in the Mississippi/Atchafalaya River Basin	S13: Pesticide Presence in Groundwater and Surface Water: Presence, Trends, and Correlations	S05: Harmful Algal Bloom Method Development and Application	S11: Putting Monitoring Data to Work: Using Data Interpretation for Management Actions	PANEL 3 Strength in numbers: integrating efforts to use biological assessments, stressor-response, and other data to improve aquatic assessments	WORKSHOP 14 Introduction to building data pipelines in R using the `targets` package
5:45 – 6:45	Pre-Dinner Meetups including, Volunteer & Community Monitoring, Selected EPA regions etc. see conference app for room locations								
5:45 – 6:45	Pre-Dinner staging area for small groups- SEE CONFERENCE APP AND bulletin boards near registration area								
6:00	All Dinners on Own								

THURSDAY, March 13: NMC Conference

7:00 – 8:30	Breakfast in Exhibition								
I Sessions 8:30 – 10:00	I1 S66: Improvements to and Applications of Coastal Monitoring Data and Approaches	I2 S01: Shifting Baselines: Monitoring and Modeling Drivers of Change to Better Predict Water Quality Outcomes	I3 S06: Building Credibility in Community-based Monitoring Programs	I4 S32: Evaluations of Watershed Management in the Green Bay Basin	I5 S59: Use of Large-Scale Data (e.g., State, Regional, National) to Measure Change and Trends in Aquatic Ecosystems	I6 S24: Emerging Contaminant Transport and Fate in Green Stormwater Infrastructure	I7 S57: Open-Source Approaches to Performing Clean Water Act Assessments	I8 Facilitated Roundtable 3 The National Aquatic Environmental DNA Strategy - From Policy to Practice	I9 WORKSHOP 6 Free Data & Tools for Characterizing Your Watershed
10:00 – 10:30	Beverage Break in Exhibition Hall								
J Sessions 10:30 – 12:00	J1 S66: Improvements to and Applications of Coastal Monitoring Data and Approaches	J2 S01: Shifting Baselines: Monitoring and Modeling Drivers of Change to Better Predict Water Quality Outcomes	J3 S06: Building Credibility in Community-based Monitoring Programs	J4 S35: Using Long-Term Changes to Better Understand and Manage the Upper Mississippi River System	J5 S59: Use of Large-Scale Data (e.g., State, Regional, National) to Measure Change and Trends in Aquatic Ecosystems	J6 S65: Risks Neonicotinoid Insecticides Pose to Aquatic Environments	J7 S03: What the Heck Is the Internet of Water? Advancements in Inter-agency Data Sharing	J8 PANEL 10 Volunteer Monitoring Programs in the Great Lakes Region	J9 WORKSHOP 15 Bioassessment nuts and bolts: How to make decisions considering natural variability and uncertainty
12:00 – 2:00	Plenary/Awards Luncheon, Panel TBD, in Exhibition								
K Sessions 2:00 – 3:00									
K1 S51: Protecting Water Quality of Blackwater Rivers and Streams	K2 S49: As Above, So Below: Integrating Trend Methods for Surface and Subsurface Inland Waters	K3 S34: Development and Land Use Changes: The Loss of Riparian and Native Habits and the Effects on Water Quality	K4 S43: 20+ Yrs Protecting Water Quality: Multidisciplinary Approaches in Evaluating Stream WQ, Restoration Efforts, and Management Practices in Milwaukee area Streams	K5 S59: Use of Large-Scale Data (e.g., State, Regional, National) to Measure Change and Trends in Aquatic Ecosystems	K6 S18: Current Topics in Groundwater Quality	K7 S03: What the Heck Is the Internet of Water? Advancements in Inter-agency Data Sharing	K8 PANEL 11 Electronic Data Capture	K9 WORKSHOP 8 Exploration and Graphics for RivEr Trends (EGRET): Introduction and Tutorial	K10 WORKSHOP 11 Algae and Cyanobacteria – Identification and Monitoring 101
3:30 – 4:00	Beverage Break, in various pre-function areas (foyers)								
	L1	L2	L3	L4	L5	L6	L7	L8	L9

L Sessions 4:00 – 5:30	S56: Observing and Monitoring Coral Reefs & Water Quality	S49: As Above, So Below: Integrating Trend Methods for Surface and Subsurface Inland Waters	S29: Regulatory Use of Non-Agency Data	S31: Water Quality Studies on the Green Bay Estuary of Lake Michigan	S59: Use of Large-Scale Data (e.g., State, Regional, National) to Measure Change and Trends in Aquatic Ecosystems	S18: Current Topics in Groundwater Quality	S03: What the Heck Is the Internet of Water? Advancements in Inter-agency Data Sharing	PANEL 2 Data visualization to data interpretation and data action	WORKSHOP 16 Identification of Aquatic Plants of the Great Lakes Region
6:00	Dinner on own, or safe travels home for those not staying for Friday sessions or touring								

FRIDAY, March 14 Optional: Side Meetings and Field Trips

7:00 – 8:30	Breakfast on own
All Day	Optional: Enjoy What Green Bay Has to Offer on Own (see links to Visit Green Bay on Conference Web site)
M Sessions 8:30 – 10:00	M1
	Region 5 Volunteer Monitoring Workgroup (separate registration or conference add-on)
10:00–10:30	Break
N Sessions 10:30 – 12:00	N1
	Region 5 Volunteer Monitoring Workgroup (continued)
12:00 – 1:00	Lunch for workgroup only
O Sessions 1:00 – 4:00	O1
	Region 5 Volunteer Monitoring Workgroup (continued)
4:00 pm	Safe Travels Home or enjoy what Green Bay has to offer on own