

National Nonpoint Source Workshop

This workshop will foster coordination among NPS program practitioners and partners by bringing together state, Tribal, Nation, territorial, federal, and other interested stakeholders involved with program activities under Section 319 of the Clean Water Act.

November 6 - 9, 2023

Hyatt Regency, Minneapolis, Minnesota



DAY 1, NOVEMBER 6

6:00 - 8:00	Breakfast (On your own)		
8:00 - 10:15	Registration <i>Foyer</i>		
10:15 - 11:00	Opening Session <i>Great Lakes B&C</i> Moderator: Margot Buckelew, EPA Richard Friesner, NEIWPC Brian Frazer, Director, Office of Oceans Wetland and Watersheds, EPA		
11:00 - 12:00	Multilevel Agency Coordination <i>Great Lakes B&C</i> Moderator: Mike Scozzafava, EPA Maureen Pepper, NRCS Idaho Scott Satterthwaite, <u>Kansas Department of Health and Environment</u> John Mathews, Ohio EPA		
12:00 - 1:30	Lunch (On your own)		
1:30 - 2:30	National NPS Program Guideline Updates <i>Great Lakes B&C</i>	Tribal NPS Program 101 <i>Great Lakes A</i> Moderator: Steve Epting, EPA	Tribal NPS Program 201 <i>Lake Minnetonka</i> Moderator: Bessie Wright, EPA
	Guideline Updates from EPA HQ Mike Scozzafava, Cyd Curtis, Amanda Reed, EPA	<i>(content for newer staff)</i> <ul style="list-style-type: none"> Chris Head, Poarch Band of Creek Indians Kelly Kersey, Pawnee Tribe of Oklahoma 	<i>(content for more experienced staff)</i> <ul style="list-style-type: none"> Heidi Brow, Pala Band of Mission Chauncy Means, CSKT Tammy Montoya, Santa Ana Pueblo
2:30 - 2:45	Overview & Discussion Steve Epting, EPA		Overview & Discussion Margot Buckelew, EPA
	Break		

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*Agenda is subject to change

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DAY 1, NOVEMBER 6

2:45 - 3:45	Watershed Planning Education <i>Great Lakes B&C</i> Moderator: Brian Fontenot, EPA	Recovery Potential Screening (RPS) Tool <i>Great Lakes A</i> Moderator: Cyd Curtis, EPA	
	The Case for Investing in People to Meet NPS Reduction Goals Jenny Seifert, University of Wisconsin-Madison, Division of Extension	EPA Introduction	
	Pathway to Prioritization - Presenting Complex Information to Local Elected Decision Makers Cindy Osborn, Ed.D., Saint Mary's University of Minnesota	Environmental Justice and the RPS Tool Jeanie Mascia, State of California, State Water Resources Control Board	
		Using the RPS Tool to Assess NPS and Environmental Justice Concerns at the Watershed Scale: Results from Initial State Pilots in CA & KY. Ellie Flaherty, EPA	
3:45 - 4:15	Break		
4:15 - 5:15	Watershed-Based Planning <i>Great Lakes B&C</i> Moderator: Elbert Traylor, Nebraska DEQ	More Bang for your Buck! <i>Great Lakes A</i> Moderator: Mike Flood, EPA	
	MassDEP's Watershed-based Planning Tool to Promote Statewide Capacity Building in Massachusetts Padmini Das, Ph.D., MassDEP & Julia Keay, Geosyntec	Homeowners Assistance Program: Connecting Homes to Improve Water Quality Joanna Ashford, Kentucky Division of Water	
	From Forgotten to Critical Resource: Planning for the Future with Wetlands Michaela Lambert, Kentucky Division of Water	The Next Generation of Nonpoint Progress: Buying Water Quality Outcomes Harry Huntley, Sand County Foundation/Environmental Policy Innovation Center	
Informal Networking Opportunity			
5:15	State & Federal Meet & Greet <i>Foyer</i>	Tribal & Nation Meet & Greet <i>Lake Minnetonka</i>	Territory Meet & Greet <i>Lake Bemidji</i>
6:15	Dinner (On your own)		
8:30	Water Trivia! <i>Great Lakes A</i>		



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National Nonpoint Source Workshop



DAY 2, NOVEMBER 7

7:30 - 8:30	<p>Optional NPS Mentoring Workshop Breakfast, Room: Hotel Lobby Moderator: Cyd Curtis, EPA</p>	
9:00 - 9:50	<p>General Session <i>Great Lakes B&C</i> Moderator: Margot Buckelew, EPA</p> <p>Tera Fong, EPA Region 5 Water Division Director Cyndy Milda, Shakopee Mdewakanton Sioux Community Cultural Outreach Coordinator Eugene Sommers, District 2 Representative, White Earth Nation</p>	
9:50 - 10:00	<p>Break</p>	
10:00 - 11:00	<p>Tribal Programs for State Staff <i>Great Lakes B&C</i> Moderators: Jannette Marsh, EPA & Nancy Schuld, Fond du Lac</p>	<p>A Facilitated Discussion: Expanding Tribal NPS Assistance & Partnership Opportunities <i>Great Lakes A</i> Moderator: Erika Larsen, EPA</p>
11:00 - 11:15	<p>Break</p>	
11:15 - 12:15	<p>Strategic Monitoring <i>Great Lakes B&C</i> Moderator: Whitney King, EPA</p> <p>Strategic Monitoring for Watershed Planning and Project Assessment Elbert Traylor, Nebraska Dept. of Environment & Energy</p> <p>An Iowa Case Study Evaluating Nutrient and Sediment Export from Paired Catchments with Different BMP Implementation Levels Michelle Soupir, Iowa State University</p> <p>Moving Towards a Better Understanding of Bacterial Impairments at Public Beaches in Iowa Jason Palmer, Iowa Dept. of Natural Resources</p>	<p>Agriculture Conservation Case-Studies <i>Great Lakes A</i> Moderator: Jake Greif, EPA</p> <p>Farmers Protecting Rice Creek - A Native Brook Trout Stream Almost Entirely Surrounded by Row Crop Agriculture Kristen Dieterman, Minnesota Pollution Control Agency</p> <p>Protecting Rathbun Lake: One Approach to Watershed Management and Source Water Protection Martin Braster, Rathbun Regional Water Association</p>
12:15 - 1:30	<p>Lunch (On your own)</p>	

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National Nonpoint Source Workshop



DAY 2, NOVEMBER 7

1:30 - 2:30	Interstate Partnerships in Action (HTF) <i>Great Lakes B&C</i> Moderator: Katie Flahive, EPA	Hydro Modification <i>Great Lakes A</i> Moderator: Richard Friesner, NEIWPCC
	EPA H.Q. Introduction Watershed Nutrient Reductions for Achieving Goals Downstream of Minnesota David Wall, Minnesota Pollution Control Agency	Improving Streambank Stabilization Designs to Improve Water Quality Ethan Thies, Iowa DNR
	Tools and Levers for Accelerating Conservation Practice Adoption in the Upper Mississippi River Basin Lauren Salvato, Upper Mississippi River Basin Association	Influences of Climatic Variability on Hydrology and Water Quality in an Agricultural Basin Taufique Mahmood, University of North Dakota The Suncook River Avulsion and Stabilization Project Saga, Solutions and Sheet-pile Stephen Landry, New Hampshire Department of Environmental Services
2:30 - 2:45	Break	
2:45 - 3:45	Urban & Green Infrastructure <i>Great Lakes B&C</i> Moderator: Robert Goo, EPA	NPS Strategies for Protecting Healthy Waters <i>Great Lakes A</i> Moderator: Paul Thomas, EPA
	Small but Mighty: A Watershed-Scale Implementation of Catch Basin Retrofits as Cost-Effective Green Infrastructure in Urban Landscapes of Massachusetts Andrew Hrycyna, Mystic River Watershed Association; Malcolm Harper & Judy Rondeau, MassDEP	(Workshop) <ul style="list-style-type: none"> • Steve Epting, EPA • Elise Turrietta, EPA • Tate Wentz, AR Dept. of Agriculture • Amanda Ley, SC Dept. of Health and Environmental Control • Frank Nemeth, SC Dept. of Health and Environmental Control • Pamela Toshner, WI Dept. of Natural Resources
3:45 - 4:15	Break	
4:15 - 5:15	Urban Community Engagement <i>Great Lakes B&C</i> Moderator: Steve Hopkins, Iowa DNR	(Workshop Continued) NPS Strategies for Protecting Healthy Waters In this session, EPA and state speakers will highlight NPS-led strategies to protect healthy waters. EPA will provide an introduction to protection in the 319 program, and state speakers from Arkansas, South Carolina, and Wisconsin will share how they have advanced protection work within their state agencies. After time for questions and a panel discussion, the session will conclude with an interactive audience brainstorm on how to incorporate protection of unimpaired/high quality waters in NPS programs.
	Community Engagement to Restore the Mill River Watershed Marlene Krajewski, Connecticut Dept. of Energy and Environmental Protection	
	Volunteering for Water Quality: Community Rain Gardens in Actions Josh Balk, Iowa Department of Natural Resources	
	Make a Splash with Youth Water Education Ann Staudt, Iowa State University	
5:15 - 7:00	Poster Session Happy Hour <i>Foyer</i> Moderator: Alexandra Atkinson, NEIWPCC	
7:00	Dinner (On your own)	



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National Nonpoint Source Workshop



DAY 3, NOVEMBER 8

8:00	Breakfast (On your own) & EPA NPS Staff Breakfast		
9:00 - 9:30	<p>General Session: <i>Great Lakes B&C</i> Moderator: Margot Buckelew, EPA</p> <p>Katrina Kessler, MPCA Commissioner Helen Waqui, MPCA Director for Tribal Affairs and Diverse Communities</p>		
9:30 - 10:45	<p>NPS Equity Memos in Practice <i>Great Lakes B&C</i> Moderator: Cyd Curtis, EPA</p> <p>Panel Discussion on Highlighting Ways the States Have Been Incorporating the Memo Guidance into Their Programs</p> <p>Steve Hopkins & Steve Konrady, IA Department of Natural Resources, Dr. Jaqueline Comito, Iowa State University</p> <p>Jacey Brooks, Maryland Department of the Environment</p> <p>Padmini Das, Ph.D., & Richard Carey, Ph.D., MassDEP</p>		
10:45 - 11:15	Break		
11:15 - 12:15	<p>Public Perceptions of Conservation <i>Great Lakes B&C</i> Moderator: Shanon Phillips, Oklahoma Conservation Commission</p>	<p>GRTS and NPS Data Story <i>Great Lakes A</i> *This session is optimized for states</p>	<p>Closed Door Tribal Discussion <i>Boundary Waters</i></p>
<p>The Iowa Learning Farms Field Day Success Loop: How to Host a more Effective Field Day Elizabeth Ripley, Iowa State University</p>	<p>Cyd Curtis, Matt Moss, Ellie Flaherty, EPA</p>	<p>Closed Door Tribal Discussion</p>	
<p>Second Creek Socioeconomic Survey on Conservation Practice Cost-Share Programs <i>Tim Craddock, West Virginia Department of Environmental Protection</i></p>	<p>This session is intended to ground NPS stakeholders in the array of tools and resources available to explore Section 319 NPS data. These data help to tell a more complete water restoration story at the national, state, and local watershed scale. Learn more about how various NPS data are collected and some new features and enhancements to the GRTS system as well.</p>	<p>Moderator: Richard Friesner, NEIWPPCC</p>	
<p>Can We Imagine a Healthy River in Iowa? Jacqueline Comito, Iowa State University</p>			
12:15 - 1:45			Optional lunch with colleagues from your region (see end of agenda for more information)

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National Nonpoint Source Workshop



DAY 3, NOVEMBER 8

1:45 - 2:45	Multi-Level Coordination <i>Great Lakes B&C</i> Moderator: Catherine Brady, EPA	Public Facing Data Tools <i>Great Lakes A</i> Moderator: Addison Walsh, EPA	
	Engaging Residents in Watershed-scale Planning Dira Johanif, Charles River Watershed Association	Using a Shiny App to Share Water Quality Monitoring Data with the Public Greg Kloxin, Oklahoma Conservation Commission	
	Partnerships Provide Unique Opportunities to Address Source Water Contamination for Communities in the Bazile Groundwater Management Area Tara Anderson, NE Dept. of Environment and Energy	Tool for Increasing Accessibility of 319(h) Nonpoint Source Funding in the Commonwealth of Kentucky Michaela Lambert, Kentucky Division of Water	
	Partnerships Everywhere and Millions for Local Implementation: Minnesota's Watershed Approach Julie Westerlund, Minnesota Board of Water and Soil Resources	The Agricultural Conservation Planning Framework (ACPF): Leveraging Publicly Available Data and Tools for Agricultural Watershed Planning Emily Zimmerman, Iowa State University	
2:45 - 3:00	Break		
3:00 - 4:30	SRF Workshop <i>Great Lakes B&C</i> Moderator: Don Waye, EPA	Tribal BMP Projects: A Workshop on Developing & Funding Project Ideas <i>Great Lakes A</i> Moderators: Jannette Marsh & Stephen Feely, EPA	Closed Door Islands NPS Round Table Discussion <i>Lake Minnetonka</i> Moderator: Avra Heller, EPA
	Partnership Opportunities with State SRFs <ul style="list-style-type: none"> Don Waye, EPA Elise Turrietta, EPA Dave Calhoon, Wisconsin CWSRF Julie Kelso, Iowa CWSRF Carson Moscoso, Washington 	<ul style="list-style-type: none"> Ryan Siggelkow, Forest County Potawatomi Sam Day, Little Traverse Bay Band Joseph Abeyta, Pueblo of Tesuque 	
5:30 - 9:30	Optional Field Trip <u>We are Water MN</u> Meet in Hotel Lobby at 5:15. Dinner will be on your own near the event. Transportation to and from is provided. Limited bus capacity of 54 people, first come first serve.	Optional Basketball Game From 5:45 - 7:00 Organizer: Jacob Greif, EPA Meeting spot: Basketball Court (5th floor)	Dinner (On your own) Dine around options will be available.



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National Nonpoint Source Workshop



DAY 4, NOVEMBER 9

7:00 - 9:00	Breakfast (On your own)	
9:00 - 10:00	<p align="center">Climate & Hazard Mitigation in NPS Management <i>Great Lakes B&C</i> Moderator: Ellie Flaherty, EPA</p> <ul style="list-style-type: none"> Eric Trum, EPA Region 8 Restoring water quality and increasing resilience: Ninemile Creek Placer Mine Restoration Joy Hinkle, GA Environmental Protection Division Building Resiliency through Green Infrastructure on Georgia's Coast Alan Klatt, New Mexico Environment Department Addressing Climate Change and Natural Hazard Mitigation in New Mexico's Nonpoint Source Management Plan 	
10:00 - 10:45	<p align="center">The National Water Quality Initiative <i>Great Lakes B&C</i> Joseph Ziobro, EPA John Bullough, NRCS Maureen Pepper, NRCS Tate Wentz, AR</p>	
10:45 - 11:00	Break	
11:00 - 12:00	<p align="center">Unique State Initiatives <i>Great Lakes B&C</i> Moderator: Angela Padeletti, EPA</p> <p>Hold the Salt. Pass the Limited Liability Protection, Please! The New Hampshire Green SnowPro Certified Salt Applicator Program Stephen Landry, NH Dept. of Environmental Services</p> <p>Watershed Prioritization and Agency-Directed Funding with Strong Partnerships Cleans up Streams Faster, Better in Arizona Natalie Muilenberg, Arizona Dept. of Environmental Quality</p> <p>Iowa's State Land Water Quality Grants Steve Hopkins, Iowa Dept. of Natural Resources</p>	<p align="center">Coastal NPS <i>Great Lakes A</i> Moderator: Catherine Brady, EPA</p> <p align="center">Coastal NPS Programs</p> <ul style="list-style-type: none"> Rob Ferguson, NOAA Affiliate US Coral Reef Task Force Roberto Viqueira Ríos, Protectores de Cuencas Sabrina Woofter, USVI DPNR Hilary Lohman, USVI DPNR Christian Rines, TX Commission on Environmental Quality (TCEQ)
12:00 - 12:30	<p align="center">Closing Comments <i>Great Lakes B&C</i> Mike Scozzafava, EPA</p>	



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*POSTER PRESENTATIONS: NOV. 7, 5:15PM

Jacqueline Comito, Iowa State University	Which Social Media Messages About Conservation Resonate Best With Farmers?
James Gilchrist Jr., Colorado River Indian Tribes	Water Quality
Addison Walsh, ORISE Fellow, EPA	Mississippi River/Gulf of Mexico Hypoxia Task Force & Gulf Hypoxia Program
Soren Rundquist, RegrowAG	Grassland Health to Drive Water Quality Improvements
Hunter Slifka, Howard SWCD	Howard County: Leaders in Conservation
Hannah Coe, WA Department of Ecology	Adaptive Regulation for Nonpoint Pollution: Ecology's role in protecting water quality
Ashley Wilson, Miccosukee Tribe of Indians of Florida	Overview of the Miccosukee Tribe's Nonpoint Source Management Plan and Projects
Maryann Dugan, NEIWPC	U.S. Symposium on Harmful Algae
Amanda Osborn & Conner McFayden NE Dept. of Env. & Energy.	An Integrated Approach to Source Water Protection in Nebraska
Jessica Russell, NE Department of Environment and Energy	Shell Creek Watershed - High School Student Water Monitoring
Noah Hovorka, NE Department of Environment and Energy	Shell Creek Watershed Survey Indicates Water Quality Perceptions and Management Practices
Dan Ross & Elbert Traylor, NE Dept. of Env. & Energy	Emphasizing Outreach and Education in Watershed Management through Partnerships
Katie Pekarek, Water Quality Extension Educator, NE Extension	Highboy Cover Crop Inter-seeding Project (HICCIP)
Robert Goo, EPA	Bioretention Handbook
Britta Dornfeld, Environmental Initiative	Collaboratively Engaging Communities Around Drinking Water Through Art



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SESSION INFORMATION

EPA Help Desks:

EPA help desks will be located in the foyer of the workshop space.

Tribal NPS Help Desk

Look for this table in the main entry hall; relevant materials and a Q&A box will be available. Regional Tribal coordinators will be staffing the table periodically.

GRTS and the NPS Data Story Help Desk

This session is intended to ground NPS stakeholders in the array of tools and resources available to explore Section 319 NPS data. These data help to tell a more complete water restoration story at the national, state, and local watershed scale. Learn more about how various NPS data are collected and some new features and enhancements to the GRTS system as well.

Gulf Hypoxia Program: Materials will be available at both the Tribal and GRTS help desks.

Tribal Sessions

Tribal NPS 101: An Introduction to the Nonpoint Source Program | 1:30 PM | Day 1

- This session will introduce the Clean Water Act Section 319 Tribal Nonpoint Source Program for Tribal staff newly working in the program, or representing Tribal programs interested in obtaining treatment-as-a-state (TAS) status under Section 319.

Tribal NPS 201: Applying Water Quality Data and Other Knowledge Sources in NPS Work | 1:30 PM | Day 1

- This session will highlight approaches for using water quality data and assessments, as well as alternative knowledge systems, including Indigenous Knowledge, in NPS work.

Tribal NPS Partnerships: Securing Assistance Outside the 319 Program | 10:00 AM | Day 2

- This session will be discussion based around ways in which Tribal NPS programs can work with partners and assistance programs outside CWA 319 to achieve their program goals

Tribal Closed Door Discussion | 11:15 AM | Day 3

This session will be facilitated by NEIWPC staff around topics of participants choice, and may include sharing and discussing experiences in the 319 program.

Tribal BMP Projects: A Workshop on Developing & Funding Project Ideas | 3:00 PM | Day 3

- This session will be a hands-on workshop to assist Tribal participants in planning on-the-ground NPS projects. We aim for participants to leave the session with an initial outline of a NPS BMP project plan to use as a starting point for developing a grant application.

NPS Mentoring Workshop | 7:30 | Day 2

It's an exciting time in our program with efforts to advance equity, guideline revisions for the state program underway, and new people coming into the program at EPA, States, Territories and Tribes. Working in the Nonpoint source program requires a diverse range of skills that range from understanding federal grant expectations, the science behind NPS pollution management, and capacity building at the community level. In 2020 EPA put together a simple NPS training curriculum for EPA, State and Tribal staff to help learn the many facets of NPS program work.

In this interactive workshop we will review the curriculum and through small group discussions explore potential additions to the training material as well as exchange best practices in mentoring staff. Experienced and new NPS program from states territories, Tribes and EPA are welcome. We will meet in the hotel lobby for breakfast at the hotel restaurant.



SOCIAL EVENTS & OTHER INFORMATION

Field Trip: Visiting “We Are Water MN”! | Meet in Hotel Lobby at 5:15 PM | Day 3

We Are Water MN is an interactive exhibit that travels throughout the state exploring Minnesota’s abundance of water stories—scientific, historical, economic, cultural, and personal. Sponsored by the Minnesota Humanities Center, Minnesota Pollution Control Agency, and six other statewide organizations, We Are Water MN has helped more than 50,000 Minnesotans better understand their connections to water and to one another, and better manage their shared future in the Land of 10,000 Lakes. Visit this nationally recognized and imitated exhibit in beautiful Stillwater, MN, on the banks of the St. Croix River. Transportation provided courtesy of Minnesota Humanities Center; \$7-\$10 donation suggested.

Basketball Game | 5:45 PM | Day 3

Come unwind and break a sweat after a long day of workshoping with a friendly pick-up basketball game at the hotel basketball court (6th floor, inside the StayFit Health Club). If you plan to play, don't forget to pack your gym shoes and shorts!

Meet & Greets | 5:15 PM | Day 1

The meet and greets are scheduled for day 1 of the workshop from 5:15pm to 6:15pm. Each room is broken up by what organization you are affiliated with.

Lunch with your Region | 12:15 PM | Day 3

You may have noticed that we listed an informal lunchtime networking activity on Wednesday. Unfortunately, due to health and safety reasons, we are not able to bring external food into the property meeting spaces. Instead, we have lists of walkable area restaurants at the registration desk that we can share with you all. If you let us know what region you are part of, and where you are going to lunch, we can share that information with anyone else from the same region that is interested in joining you. See the registration desk if you have any questions on this!

Water Trivia | 8:30 PM | Day 1

On the first day of the workshop, there will be an optional water trivia game at 8:30 PM in Great Lakes B&C. There will be five rounds of questions, each with five questions. Each round will have a unique topic related to the world of water, NPS pollution, and Minneapolis. The winner will receive a \$25 gift card to a local brewery!