

TRIBAL WETLAND PROGRAMS WEBINAR SERIES

# PROTECTING WATERS AND WETLANDS IN INDIAN COUNTRY: AN OVERVIEW AND CASE STUDIES FROM EPA'S NEW TRIBAL WETLAND PROGRAM GUIDE

December 15, 2022

3:00pm – 4:30pm ET

Hosted by the National Association of Wetland Managers and Saint Mary's University of Minnesota GeoSpatial Services



# WEBINAR #3: PROTECTING WATERS AND WETLANDS IN INDIAN COUNTRY



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## Webinar Overview:

Today's webinar will provide an overview of *Protecting Waters and Wetlands in Indian Country: A Guide for Developing Tribal Wetland Management Programs*, a new guide designed to aid Tribes in strategic wetland resource planning and management, including guidance that is more relevant to the unique Tribal situations and more accessible for the Tribal reader. The guide was produced in collaboration with Tribes from across the country and in response to a direct request from the Tribes, in order to help them protect wetlands and aquatic resources.

**Welcome:** Dr. Gretchen Goldman, White House Office of Science and Technology Policy

## Webinar Presenters:

- Kathleen Kutschenreuter, U.S. Environmental Protection Agency
- Kerryann Weaver, U.S. Environmental Protection Agency, Region 5
- Matt Baerwalde, Snoqualmie Indian Tribe
- Tyler Orgon, Red Lake Band of Chippewa Indians
- Linda Storm, U.S. Environmental Protection Agency, Region 10



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# WEBINAR AGENDA



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**Welcome & Introduction**  
(15 minutes)

**Presentation and Panel Discussion**  
(60 minutes)

**Q&A**  
(15 minutes)

# TODAY'S GUEST SPEAKER



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## **Dr. Gretchen Goldman**

Assistant Director for Environmental  
Science, Engineering, Policy, and Justice

White House Office of Science and  
Technology



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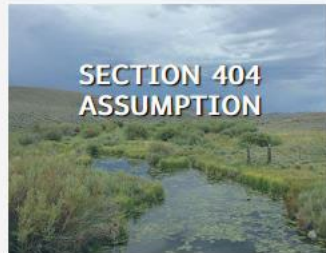
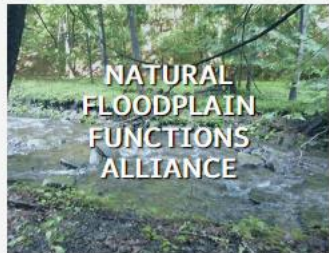
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For assistance , please contact **Laura Burchill** at [laura@nawm.org](mailto:laura@nawm.org) or (207) 892-3399.





# TODAY'S MODERATOR



**Saint Mary's  
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**Portia Osborne**  
Project Manager,  
National Association of  
Wetland Managers

# TODAY'S PRESENTERS



**Saint Mary's  
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**Kathleen  
Kutschenreuter**  
U.S. EPA



**Kerryann Weaver**  
U.S. EPA



**Matt Baerwalde**  
Snoqualmie Indian  
Tribe



**Tyler Orgon**  
Red Lake Band of  
Chippewa Indians



**Linda Storm**  
U.S. EPA





CHANGING OVER TO  
PRESENTER'S COMPUTER...



# PANEL DISCUSSION



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- 1. What was the impetus for this Guide?**
- 2. How does this new guide developed by and for Tribes integrate the EPA Core Elements Framework and complement and differ from the 2013 NAWM Wetland Program Planning Handbook?**
- 3. Can you tell us more about the approach used to form the Tribal Roundtable to support development of the guide?**
- 4. For Tribal Roundtable members, what was your experience in helping to develop the guide?**
- 5. How can Tribal communities use this new guide to support or build their wetland/aquatic resource programs?**



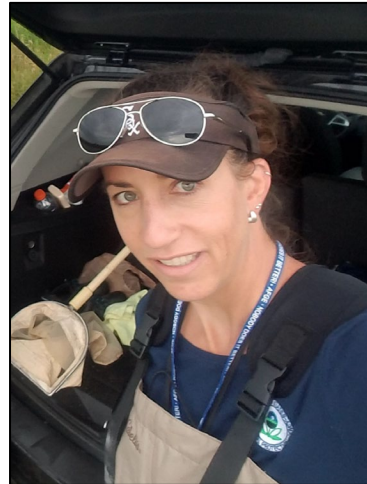
# PANEL DISCUSSION



## Audience questions?



**Kathleen  
Kutschenreuter**  
U.S. EPA



**Kerryann Weaver**  
U.S. EPA



**Matt Baerwalde**  
Snoqualmie Indian  
Tribe



**Tyler Orgon**  
Red Lake Band of  
Chippewa Indians



**Linda Storm**  
U.S. EPA

THANK YOU!



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**National Association of  
Wetland Managers**

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# GUEST BIOGRAPHIES



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**Dr. Gretchen Goldman** is serving at the White House Office of Science and Technology Policy as the Assistant Director for Environmental Science, Engineering, Policy, and Justice. Previously, Dr Goldman was the research director for the Center for Science and Democracy at the Union of Concerned Scientists. For more than a decade, Dr. Goldman has led research and advocacy efforts at the nexus of science and policy on topics including federal scientific integrity, fossil energy production, climate change, and environmental justice. Dr. Goldman has testified before Congress and sat on the board of the nonprofit 500 Women Scientists. Her words and voice have appeared in Science, Nature, The New York Times, The Washington Post, CNN, NPR, and the BBC, among other outlets. Dr. Goldman holds a Ph.D. and M.S. in environmental engineering from the Georgia Institute of Technology, and a B.S. in atmospheric science from Cornell University.



**Kathleen Kutschenreuter** is an Environmental Scientist with the U.S. Environmental Protection Agency's (EPA) Office of Water Headquarters in Washington D.C. She has over 25 years of domestic and international experience in the areas of environmental research, policy, program development, management, and communications. Since joining EPA in 1997, Kathleen has worked within the Office of Sustainable Ecosystems and Communities and the Office of Wetlands, Oceans, and Watersheds to advance local, state, tribal, national, and international environmental protection, and restoration efforts, serving an interim year as the Acting Wetlands Program Manager for the Montana Department of Environmental Quality. Kathleen also served as a U.S. Delegate to the Ramsar International Treaty on Wetlands for two decades. She holds a Master of Environmental Management degree from Duke University and Bachelor of Science degrees in Zoology (aquatic ecology) and Natural Resource Management (environmental science/ethics) from The Ohio State University. Kathleen served in the U.S. Peace Corps in Central America and with the Ohio Department of Natural Resources prior to joining the EPA. She is a certified diver, an avid photographer, fluent in Spanish, and delights in exploring all things outdoors with her spouse, curious young daughter, and beloved canine companion!



**Kerryann Weaver** is an Environmental Scientist with the US Environmental Protection Agency (EPA) Region 5 Office in Chicago. Kerryann is involved in Clean Water Act Section 404 permit review, wetland mitigation banking coordination, 404 program assumption, CWA jurisdiction, and serves as the Tribal and State Wetland Program Coordinator for Enhancing State and Tribal Programs. Kerryann has close to 20 years of federal government service, having joined the EPA after working as a marine biologist with NOAA Fisheries as well as serving as a Peace Corps Volunteer in the Rural Aquaculture Program in Zambia.

# GUEST BIOGRAPHIES



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**Linda Storm** has worked as a Wetland and Aquatic Ecologist with the U.S. Environmental Protection Agency's Region 10 for the last 34 of her 38-year federal career. EPA Region 10 covers AK, ID, OR, WA and includes 271 federally recognized tribes and Alaskan native villages. Linda served as Region 10's CWA Section 401 Coordinator writing water quality certifications for federal permits in Indian Country for many years. She also served as the Region's Tribal Lead for Enhanced State and Tribal Programs, providing technical assistance to many PNW and Alaska Tribes throughout her career. Linda began her career with EPA as a CWA 402/NPDES permit writer and then became involved in all aspects of CWA Sections 404 and 401, where she has worked to protect, restore and collaborate with other partners to manage wetlands and watersheds. Linda has undergraduate degrees in Botany and Anthropology, two master's degrees from the University of Washington - one in Wetland Ecology and Coastal Zone Management, the other in Environmental Anthropology; and did PhD doctoral research work on the historical ecology of Coast Salish peoples long-term ecosystem management tending prairies, wetlands and other ecosystems in the PNW. Linda worked with EPA HQ's Kathleen Kutschenreuter and the 16-member tribal roundtable, in response to the original request of the Pacific Northwest Tribal Wetland Working Group (TWIG), to develop this tribally centered tool for protecting and managing wetlands. Today's webinar on "Protecting Waters and Wetlands in Indian Country: A Guide for Developing Tribal Wetland Management Programs" reflects this effort.



**Matt Baerwalde** is the Environmental Policy Analyst for the Snoqualmie Indian Tribe in Western Washington State. He joined the Snoqualmie Tribe's Water Program in 2008 and holds a B.S. in Conservation Biology and a certificate in Wetland Science and Management from the University of Washington, and a B.A. in Philosophy from the College of Charleston. Matt represents the Tribe by engaging in and bringing scientific understanding to local and regional environmental policy issues while also working to implement restoration, protection, and research projects. He has successfully secured and helped manage millions of dollars in grant funds from a variety of sources for habitat and water quality restoration, protection, research and monitoring projects occurring both on and off the reservation.



**Tyler Orgon** is a Biologist and lead field coordinator with the Red Lake Band of Chippewa Indians in the Water Resources Department located in northern Minnesota. Born and raised in northern Minnesota, Tyler is a graduate of Bemidji State University with a MS in Biology and has nine years of wetland management experience with the Tribe working on projects ranging from wetland mapping to detailed chemistry analysis. During his time with Red Lake, Tyler has participated in wetland working groups, regionally and nationally, to help other Tribes with their wetland programs. Recently, he helped facilitate the creation of the Tribal Wetland Program Guide that took place during 2021-2022. The goal of that project was to develop a working document to help Tribes throughout the Nation establish and improve their Wetland Programs.