



EPA Region 10 Tribal Wetland Training Webinars

**Advancing Tribal Wetland Programs Through
Innovations in Monitoring & Assessment**

Presenters:

Yvonne Vallette, U.S. EPA, Region 10
Ferin Davis Anderson, Shakopee Mdewakanton Sioux Community
Eric Krumm, Leech Lake Band of Ojibwe

Hosted by the Association of State Wetland Managers
Supported by the U.S. EPA Region 10



Agenda

- **Welcome and Introductions (10 minutes)**
 - Marla Stelk, Association of State Wetland Managers
- **Region 10 Tribal Webinars Project Overview (5 minutes)**
 - Yvonne Vallette, U.S. EPA
- **Webinar presentations (60 minutes)**
 - Yvonne Vallette: *Using National Wetland Inventory Data to Assist State/Tribe Wetland Monitoring and Assessment Efforts*
 - Ferin Davis Anderson: *Integrating Drone and LiDAR Technology into Tribal Wetland Programs*
 - Eric Krumm: *An ArcGIS-Based Spatial Analysis of Jurisdictional Wetland Extent within the Leech Lake Reservation In North Central Minnesota*
- **Q&A Session (15 minutes)**



Welcome!

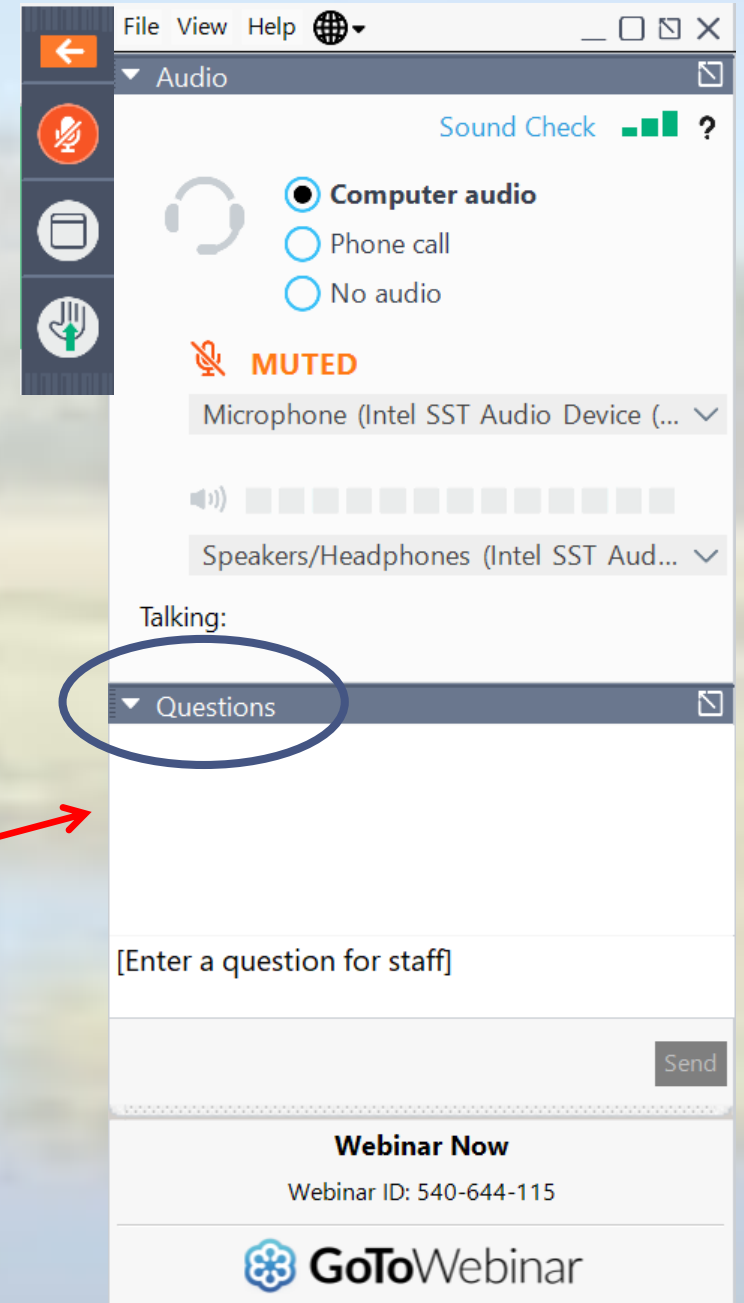


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- EPA Region 10 Tribal Wetland Programs Webinar Series: **Advancing Tribal Wetland Programs Through Innovations in Monitoring & Assessment** - 12/1/20
- Wetland Mapping Consortium Webinar: **Mapping a Path to Wetland Functions: Leveraging NHD and LLWW to Enhance the National Wetland Inventory** - 12/8/20
- Beaver Restoration Webinar Series: **Webinar #4: Addressing Common Barriers and Objections to Beaver Restoration Work** - 12/10/20
- For a Complete List of ASWM Webinars, [Go Here](#).

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ASWM Comments on the Proposed Rule to Reissue Nationwide Permits

On November 16, 2020, the Association of State Wetland Managers submitted comments the September 15, 2020 Federal Register supplemental notice of proposed rulemaking (SNPRM) for "Proposal to Reissue and Modify Nationwide Permits" (Docket ID No. COE-2020-0002). [ASWM's full comment letter can be read here.](#)


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EPA Region 10 Tribal Wetland Programs Webinar Series

Advancing Tribal Wetland Programs Through Innovations in Monitoring & Assessment



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Wetland Training Webinar Series
Hosted by the Association of State Wetland Managers and the USDA Natural Resources Conservation Service

Webinar #1 of 9:
Introduction to Wetlands
June 22, 2018
3:00 pm - 5:00 pm Eastern
Webinar Presenters:
• Jeanne Christie, Association of State Wetland Managers
• Mary Manning, US Forest Service
• Doug Norris, Minnesota Department of Natural Resources
• Karen Fuller, Natural Resources Conservation Service

Association of State Wetland Managers
Hydric Soils Online Training Series
Module #1
Basics of Hydric Soils
The Five Factors of Soil Formation and Maturation vs. Simple Processes
Trainer:
Lee Daniels, Virginia Tech

WETLAND MAPPING CONSORTIUM
Mapping Standards & Requirements
Rusty Bergquist, Program Specialist
U.S. Fish & Wildlife Service
Hosted by the Association of State Wetland Managers



ASWM-NRCS Wetland Training Webinar

Hydric Soils Online Training Series

Wetland Mapping Training Webinars

EPA Region 10 Tribal Wetland Training Webinars



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- For assistance, please contact **Laura Burchill** laura@aswm.org or (207) 892-3399.



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Today's Moderator



Marla Stelk
Executive Director
Association of State Wetland Managers



Today's Presenters



Yvonne Vallette
Aquatic Ecologist
U.S. EPA Region 10



Ferin Davis Anderson
Lead Environmental Scientist
Shakopee Mdewakanton Sioux
Community



Eric Krumm
Water Resources Technician
Leech Lake Band of Ojibwe



EPA Region 10 Tribal Wetland Training Webinars: An Overview

Project Leaders: Linda Storm and Yvonne Vallette, EPA Region 10

Facilitator: Marla Stelk, Association of State Wetland Managers

Steering Committee Members:

- **Scott O'Daniel, Confederated Tribes of Umatilla Indian Reservation**
- **Matthew Baerwalde, Snoqualmie Tribe**
- **Tom Elliott, Yakama Nation**
- **Matt Fisher, Coeur d'Alene Tribe**
- **Kyle Rosendale, Sitka Tribe**
- **Jonathan Hall, Tulalip Tribes**
- **Janet Ebaugh, Confederated Tribes of the Colville Reservation**
- **Rue Hoover, Nez Perce Tribe**
- **Rudy Salakory, Cowlitz Tribe**
- **Heather Bartlett, Cow Creek Band of Umpqua Tribe**



Tribal Wetland Program Planning

EPA encourages tribal communities to develop wetland program plans through the ESTP and Core Elements Framework.

EPA specifically funds indigenous communities using Tribal WPDG.

WPP Objectives:

- **Inventory existing resources of importance to the community**
- **Develop standards for assessing resource condition**
- **Integrate wetland resources into comprehensive resource management strategy**
- **Incorporate and preserve traditional ecological knowledge**
- **Provide for ongoing monitoring and assessment**
- **Set the stage for Treatment in the Manner of a State (if desired)**



Advancing Tribal Wetland Programs Through Innovations in Monitoring & Assessment

It Will Take Us A Few Moments To Make The Switch....



Questions?

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EPA Region 10

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*Thank you for your
participation!*

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