

Association of State Wetland Managers and the U.S. Fish and Wildlife Service Wetland Mapping Consortium Webinar Series



Mapping a Path to Wetland Functions: Leveraging NHD and LLWW to Enhance the National Wetland Inventory

December 8, 2020 3:00 pm – 4:30 pm Eastern

Webinar Presenter:

- Andy Robertson, Saint Mary's University of Minnesota
- Mark Biddle, Delaware Department of Natural Resources
- Sara Owen, University of Montana



Photo of Andy Robertson, Saint Mary's University of Minnesota

Welcome

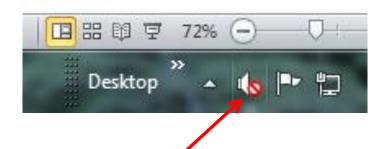




If you have any technical difficulties during the webinar you can send us a question in the webinar question box or call Laura at (207) 892-3399.

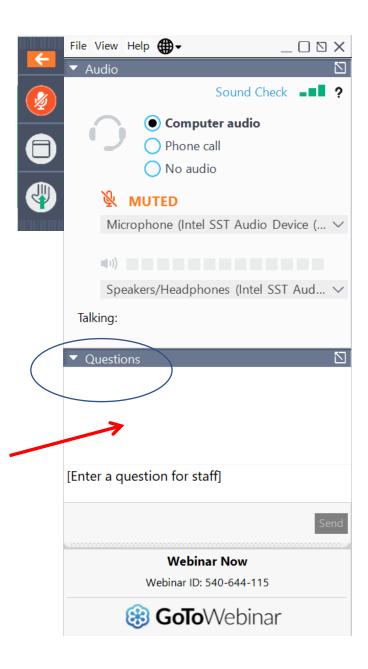
Webinar Tech Tips

If you are using the telephone to listen to the webinar, please mute both your computer's microphone <u>and</u> speakers



Please submit your questions for the presenters via the question box.

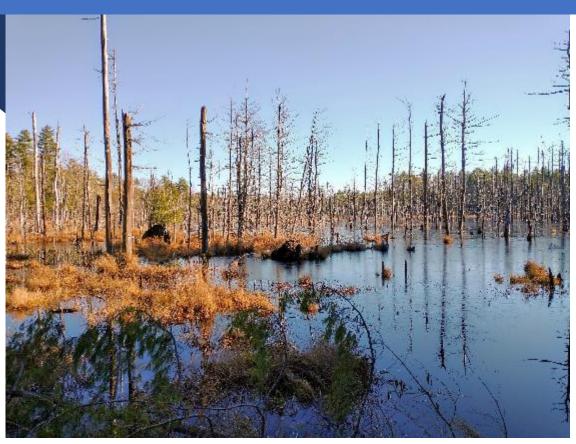
TIP: Close out other non-essential programs on your desktop





Agenda





Welcome & Introductions

(10 minutes)

Presentations

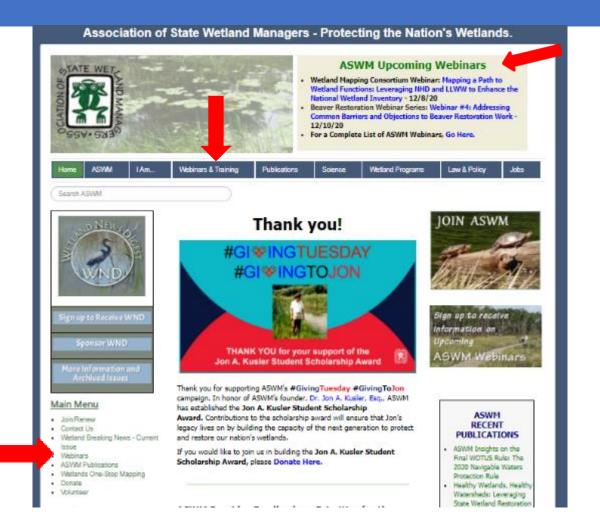
(60 minutes)

Q&A

(20 minutes)

Webinar Schedule and Recordings





Webinar Schedule and Recordings

ASWM Pipeline Permitting Project Webinar Series



List of Past Pipeline Permitting Webinars

Future Webinars

Past Webinars



Natural Floodplain Functions Alliance Webinar



List of Past NFFA Webinars

Future Webinars

Past Webinars

Wetland Mapping Consortium Webinar (WMC)



List of Past WMC Webinars

Future Webinars

Past Webinars

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

Wetland Mapping Web Resource



WETLANDS ONE-STOP MAPPING

The Association of State Wetland Managers in collaboration with Virginia Tech's Conservation Management Institute (CMI) and the U.S. Fish and Wildlife Service's Northeast Region created Wetlands One-Stop Mapping to provide easy online access to geospatial data on wetlands and soils produced by federal and state agencies. The U.S. Fish and Wildlife Service (FWS), through its National Wetland Inventory (RWI), has produced wetland geospatial data for most of the country. While different agencies post data on their own sites, there is not a single place to go for these data. Wetlands One-Stop Mapping provides links to these



and other websites. It provides online access to classification tools for adding hydrogeomorphic-type to wetland inventory data and the results of NWH+ projects (maps and reports). The geospatial information is linked to aerial imagery (and topographic maps) through ESRI's ArcGIS (including ArcGIS Explorer) for easy viewing of wetlands, their characteristics, and functions for areas where NWH+ data are available.

The website also provides links to other federal and state websites that contain information on wetlands and geospatial wetland data. Among the national datasets accessible via Wetlands One-Stop Mapping are the NWI's wetlands mapper, USDA's web soil survey, USGS's national hydrography data and hydrologic units (HUCs). Links are also provided to NatureServe Explorer and the U.S. National Vegetation Classification Hierarchy Explorer along with guidance on how to extract descriptions of wetland plant communities from those sites for specific areas of interest.

Wetlands One-Stop Mapping Links by Subject

NWI

National Wetlands Inventory (NWI)

FWS Wetlands Mapper

Wetland Primer

Federal Standards & Funding for Wetland Mapping

National Data Sets & Information

NWI+

NWI+ Data & Information

LLWW Classification

NWI+ Data Layers

NWI+ Mapper

NWI+ Reports

States

State Wetland Mapping Summaries

State Wetland Program Websites & Data

Training

Wetland Mapping Training

Reports and Publications

What is NWI+?

NM+ was a regional initiative by the Northeast Region of the U.S. NWI+ Fish and Wildlife Service's NW Program. It was supported by the NWI through regional mapping projects funded by the U.S. Fish and Wildlife Service and federal and state cooperators from the mid-1990s to 2015. It began as a regional demonstration initiative in how NWI data could be enhanced with hydrogeomorphic attributes for landscape position, landform, water flow path, and waterbody type (LLVWV descriptors) to increase the functionality of NWI data for better characterizing wetlands, for predicting wetland functions at the landscape or watershed level, and for assessing the impact of wetland changes on wetland functions. The expanded database and its outputs were called NW+ data as the results go beyond the standard NVM mapping. Production of NVM+ data was a special project of the NWI with work mostly in the Northeast Region but also undertaken by some states (e.g., Colorado, Georgia, Montana, and New Mexico) in other Regions when they were updating NVM data. While the demonstration was specific and NIM consimilar data

Today's Moderator



Bill Dooley

Policy Analyst

Association of State Wetland Managers



Today's Presenters





Andy Robertson

Executive Director

Geospatial Services at Saint Mary's University of Minnesota



Mark Biddle

Environmental Program Manager

Delaware Department of Natural Resources and Environmental Control



Sara Owen

Wetland Mapping Projects Manager

University of Montana





