


WETLAND MAPPING CONSORTIUM

Maps of Potential Wetland Extent for Selected Streams in Indiana

*Kathleen Fowler
U.S. Geological Survey*

**U.S. Fish &
Wildlife Service**



Hosted by the Association of State Wetland Managers
Supported by the U.S. Fish & Wildlife Service





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AGENDA



- **Welcome and Introductions (5 minutes)**
- **WMC Webinar Recordings/Schedule (5 minutes)**
- **Maps of Potential Wetland Extent for Selected Streams in Indiana (30 minutes)**
- **Question & Answer (15 minutes)**
- **Wrap up (5 minutes)**

ASWM WEBINAR SERIES MODERATOR

Marla Stelk,
Policy Analyst

Association of State
Wetland Managers



PRESENTER



Kathleen Fowler
U.S. Geological Survey

WETLANDS ONE-STOP MAPPING

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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 (NWI), produced wetland geospatial data for most of the country. While other 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 NWI+ 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 NWI+ 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

- Reports & Publications
- Other Mapping & Wetland Resources

Other Resources

- Wetland Plant Community Information
- Wetland Mapping Consortium
- Wetland Classification Image Gallery

What is NWI+?

NWI+ was a regional initiative by the Northeast Region of the U.S. Fish and Wildlife Service's NWI 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 (LLWW 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 NWI+ data as the results go beyond the standard NWI mapping. Production of NWI+ 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 NWI data. While the demonstration was successful and NWI+ or similar data continue to be generated by several states, the national NWI Program (the U.S. Fish and Wildlife Service) is no longer able to support NWI+ initiatives. Moreover budget cuts for the program have made the NWI+ NWI more dependent than ever on having cooperators update even the basic NWI database.



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WETLAND MAPPING TRAINING WEBPAGE

Association of State Wetland Managers - Protecting the Nation's Wetlands.



ASWM Upcoming Webinars

- **Wetlands & Nutrient Uptake in Agricultural Settings** - 1/27/16
- **Changes in the FGDC Wetlands Classification Standard - Cowardin 2.0** - 1/28/16
- **Evaluating the Ecological Performance of Compensatory Mitigation** - 2/2/16

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Wetland Mapping Training

U.S. Fish & Wildlife Service

The Fish and Wildlife Service's National Wetlands Inventory (NWI) is pleased to announce the availability of initial modules of an online Wetland Mapping Training course. NWI is providing the training to encourage and enable mapping partnerships with other organizations in order to increase the amount of current, modernized wetlands geospatial data available to all users. The training is geared towards image interpreters already skilled in GIS, who may need special training for mapping wetlands, to learn how to interpret and classify wetlands, apply the new standards and requirements, or learn tips and tricks (coming soon) to make the mapping more efficient. The training is designed to implement the new Wetlands Mapping Standard and ensure the quality of the data – and training is an effective way to make sure the data are collected accurately from the beginning. Currently only three modules are available, two technical modules are coming soon, and three additional modules on related topics are planned. NWI will continue to provide in-person training to partnering organizations as needed, as well as data verification tools, guidance, and quality control of the data before it becomes part of the NWI layer of the National Spatial Data Infrastructure. To review or take the training, [click here](#).

The training is evolving as we receive feedback. If you want to be part of the process, send comments to FWS_Wetlands@fws.gov. This training was developed in cooperation with the Association of State Wetland Managers, supported by EPA and the FGDC.

Training Webinars

Mapping Standards & Requirements – Rusty Griffin, U.S. Fish & Wildlife Service (10/15/14)



WETLAND MAPPING CONSORTIUM


Mapping Standards & Requirements

Rusty Griffin, U.S. Fish & Wildlife Service



PRESENTER

Rusty Griffin
Project Manager
U.S. Fish & Wildlife Service



Questions?

Rusty Griffin
National Wetlands Inventory Quality Control
U.S. Fish & Wildlife Service

Part 1: Introduction - Maria Steik, Policy Analyst, ASWM
Presenter: Rusty Griffin, U.S. Fish & Wildlife Service

Part 2: Presenter: Rusty Griffin, U.S. Fish & Wildlife Service

Part 3: Questions

WEBINAR SCHEDULE/RECORDINGS

Association of State Wetland Managers - Protecting the Nation's Wetlands.



ASWM Upcoming Webinars

- **The Florida Wetlands Integrity Dataset: Part 2** - September 16, 2015
- **Solar Project Siting and Wetland Permitting** - September 29, 2015
- **Wetland Restoration in Urban and Highly Disturbed Landscapes** - October 13, 2015

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ASWM Publications

Wetland Monitoring and Assessment in Wetland Programs

The Association of State Wetland Managers (ASWM) has released a new report - **Wetland Monitoring and Assessment: Considerations for State and Tribal Programs**. This report - which was prepared with assistance from an EPA State Wetland Program Development Grant - explores the various ways that states and tribes could make better use of existing monitoring and assessment methods to obtain science-based answers to wetland management problems. While it provides an overview of many common approaches to wetland monitoring, the focus is primarily on **why** these methods are selected for a given purpose. This report encourages the thoughtful identification of the most appropriate and efficient methods in light of available financial and staff resources. It may be particularly useful to states or tribes that are developing or updating wetland monitoring and assessment strategies.

[Click here to read or download the report.](#)



Picture of the Week *Southward Bound*



Jeanne Christie Photo

For information about this picture and to see past pictures of the week [click here.](#)

ASWM RECENT PUBLICATIONS

- [Ecosystem Service](#)

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ASWM Webinars/Conference Schedule

ASWM WEBINARS

The Association of State Wetland Managers hosts webinars on various topics, most of which relate to a specific project and work group. In addition, ASWM hosts webinars as part of its members' webinar series on topics of interest to members. Please click on the webinar series below for more details about individual webinars. In all cases, please have any questions about registering for a webinar contact ASWM at aswm@aswm.org.

If you are not logged in to the website or you just need a reminder, please view our guide prior to the webinar here.

The Association of State Wetland Managers (ASWM) and the Society of Wetland Scientists (SWS) share the common goal of encouraging sound options in wetland location, management, restoration, and conservation. To meet this goal, the two organizations developed a formal partnership in 2014. ASWM is pleased to provide a link to SWS's new Members' Webinar Series and encourage you to investigate their website options as well as our own.

For a full list of all past webinar recordings visit <http://aswm.org>.

Members' Wetland Webinar Series

For Members of ASWM Only

Future Webinars

Past Webinars

ASWM

Hot Topics Webinar Series

Future Webinars

Past Webinars

Improving Wetland Restoration Success Project

Future Webinars

Past Webinars

Natural Floodplain Functions Alliance Webinar

Future Webinars

Past Webinars

Wetland Mapping Consortium Webinar (WMC)

Future Webinars

Past Webinars

OCTOBER 5, 2016 WEBINAR RECORDING AVAILABLE

Mapping Coastal Storm Surge Flooding and Marsh Structure



Elijah Ramsey III
U.S. Geological Survey



Amina Rangoonwala
U.S. Geological Survey

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laura@aswm.org
(207) 892-3399

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- Webinar date and Title

Please Note: Non-members will be charged \$25.00 for each Certificate of Attendance beginning January 1, 2017.

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New ASWM Publications

Integration of Monitoring and Assessment in Wetland Programs

The Association of State Wetland Managers (ASWM) is pleased to release a new report - **Uses of Monitoring and Assessment: Considerations for State and Tribal Programs**. This report - which was prepared with financial assistance from an EPA State Wetland Program Development Grant - explores the various ways that states and tribes could make better use of existing monitoring and assessment methods to obtain science-based answers to wetland management problems. While it provides an overview of many common approaches to wetland monitoring, the focus is primarily on **why** these methods are selected for a given purpose. This report encourages the thoughtful identification of the most appropriate and efficient methods in light of available financial and staff resources. It may be particularly useful to states or tribes that are developing or updating wetland monitoring and assessment strategies.

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Jeanne Clinstie Photo

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www.aswm.org

Maps of Potential Wetland Extent for Selected Streams in Indiana

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



*Thank you for your
participation!*



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