

# WETLAND MAPPING CONSORTIUM

## ***Updated Data Collection Procedures and Requirements for Meeting FGDC Wetland Mapping Standards***

***Rusty Griffin, U.S. Fish & Wildlife Service  
National Standards & Support Team***

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



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



Photo credit: Jeanne Christie



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# AGENDA



- **Welcome and Introductions (5 minutes)**
- **WMC Webinar Recordings/Schedule (5 minutes)**
- **Updated Data Collection Procedures and Requirements for Meeting FGDC Wetland Mapping Standards (30 minutes)**
- **Question & Answer (15 minutes)**
- **Wrap up (5 minutes)**

# ASWM WEBINAR SERIES MODERATOR

Marla Stelk,  
Policy Analyst

Association of State  
Wetland Managers



# PRESENTER



**Rusty Griffin**

Physical Scientist  
US Fish & Wildlife Service  
National Standards & Support Team


# WETLANDS ONE-STOP MAPPING

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## WETLANDS ONE-STOP MAPPING

### Providing Easy Online Access to Geospatial Data on Wetlands and Soils and Related Information

A coalition 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 have created Wetlands One-Stop Mapping to provide easy online access to geospatial data on wetlands and soils produced by federal and state agencies. Because different agencies post data on their own sites, there is not a single place to go for this information. 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 National Wetlands Inventory+ projects (maps and reports). The geospatial information is linked to aerial imagery (and topographic maps) through ESRI's ArcGIS (including 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 wetland data. Among the national datasets accessible via Wetlands One-Stop Mapping are the NWI's web soil survey, USGS's national hydrography data and hydrologic units (HUCs). Links are also on NatureServe Explorer and the U.S. National Vegetation Classification Hierarchy Explorer along with guidance to extract descriptions of wetland plant communities from those sites for specific areas of interest.

The site also provides information about the activities of the Wetland Mapping Consortium including future and past recorded webinars; Coastal Mapping Resources; a summary of the status of state wetland mapping; federal and state wetland delineation manuals; numerous wetland publications; and federal agency wetland websites.

Example of National Wetland Inventory (NWI) Map



## Wetlands One-Stop Mapping Links by Subject

### Introduction to Wetlands One-Stop Mapping

[National Wetlands Inventory \(NWI\)](#)

[Wetland Primer](#)

[Wetland Mapping Training](#)

### NWI+ Data & Information

[FWS Wetlands Mapper](#)

[LLWW Classification](#)

[NWI+ Data Layers](#)

[NWI+ Mapper](#)

[NWI+ Reports](#)

### Federal Standards & Funding for Wetland Mapping

[National Data Sets & Information](#)

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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

For a complete list of ASWM webinars, [click here](#).

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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](mailto: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)



Part 1: Introduction - Maria Stekl, 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) is pleased to release 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](#)



# WEBINAR SCHEDULE & RECORDINGS



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**ASWM Webinars/Conference Schedule**

The Association of State Wetland Managers (ASWM) offers webinars on various topics, most of which relate to a specific project and workshop. In addition, ASWM hosts webinars as part of its member's activities on topics of interest to members. Please click on the webinar group home page for more details about individual webinars. In all cases, if you have any questions about registering for a webinar, please contact ASWM at [info@aswm.org](mailto:info@aswm.org).

If you have any questions or you just need a webinar, 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 enhancing sound science in wetland restoration, management, education, policy, and conservation. To meet this goal, the two organizations entered a formal partnership in 2013. ASWM is pleased to provide a link to SWS's new Wetland Webinars Series and encourage you to investigate their website as well as our own.

For a full list of all available webinar recordings visit this site here.

**Members' Wetland Webinar Series**

For Members of ASWM Only

**Hot Topics Webinar Series**

**Improving Wetland Restoration Success Project**

**Natural Floodplain Functions Alliance Webinar**

**Wetland Mapping Consortium Webinar (WMC)**

WMC WEBINAR POSTED FROM JAN. 28, 2016

# Changes in the FGDC Wetland Classification Standard – Cowardin 2.0

**Rusty Griffin**  
**Physical Scientist**  
**U.S. Fish & Wildlife Service**  
**National Standards & Support Team**



Part 1: Introduction: Marla Stelk, Policy Analyst, ASWM  
Presenter: Rusty Griffin, U.S. Fish and Wildlife Service's, National Standards and Support Team



Part 2: Presenter: Rusty Griffin, U.S. Fish and Wildlife Service's, National Standards and Support Team



Part 3: Presenter: Rusty Griffin, U.S. Fish and Wildlife Service's, National Standards and Support Team



Part 4: Questions

# Future Wetland Mapping Consortium Webinars

**Wednesday, March 30, 2016**

**3:30pm - 4:00pm ET: Working towards an Automated Wetlands Mapping Process: Successes, Failures, and Potential for the Future (Robb McLeod, Ducks Unlimited)**

**4:00pm - 4:30pm ET: Multi-Criteria Restoration Prioritization: Applying Landscape Level Wetland Functional Assessments for Watershed Planning & Decision Support (Andy Robertson, Saint Mary's University)**

**4:30pm - 5:00pm ET: National Wetlands Inventory Version 2 – Surface Waters and Wetlands (Mitch Bergeson, U.S. Fish & Wildlife Service)**

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## ASWM Upcoming Webinars

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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.

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



## Picture of the Week

### Southward Bound



*Jeanne Clinstie Photo*

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

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- [Ecosystem Service](#)

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Please contact **Laura Burchill**  
[laura@aswm.org](mailto:laura@aswm.org)

(207) 892-3399

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# Updated Data Collection Procedures and Requirements for Meeting FGDC Wetland Mapping Standards

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



*Thank you for your  
participation!*



[www.aswm.org](http://www.aswm.org)