

WETLAND MAPPING CONSORTIUM

*Wetland Landscapes – Techniques for Spatial
Definition and Ecological Assessment Using
SSURGO, HGM, and GIS tools*

*Richard A. Weber, P.E., Wetland Hydraulic Engineer,
Wetland Team, CNTSC*

Hosted by the Association of State Wetland Managers



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 during the webinar.

AGENDA



- **Welcome and Introductions (5 minutes)**
- **WMC Webinar Recordings/Schedule (5 minutes)**
- **Wetland Landscapes – Techniques for Spatial Definition and Ecological Assessment Using SSURGO, HGM, and GIS tools (40 minutes)**
- **Question & Answer (15)**
- **Wrap up (5 minutes)**

ASWM WEBINAR SERIES MODERATOR

Marla Stelk,
Policy Analyst

Association of State
Wetland Managers



PRESENTER

Richard A. Weber

P.E., Wetland Hydraulic
Engineer

USDA Natural Resources
Conservation Service,
Wetland Team, Central
National Technology
Support Center (CNTSC)





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Wetlands Mapper



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Frequently Asked
Questions



National Wetlands
Inventory



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Wetlands provide a multitude of ecological, economic and social benefits. They provide habitat for fish, wildlife and a variety of plants. Wetlands are nurseries for many saltwater and freshwater fishes and shellfish of commercial and recreational importance. Wetlands are also important landscape features because they hold and slowly release flood water and snow melt, recharge groundwater, recycle nutrients, and provide recreation and wildlife viewing opportunities for millions of people.

Latest News and Reports



Wetlands Digital Data Completed for the Conterminous 48 States

May is American Wetlands Month, a time to celebrate and recognize how they enrich our lives and contribute to the health of our environment. In a fitting tribute to wetlands, the U.S. Fish and Wildlife Service's National Wetlands Inventory is announcing the completion of the digital wetland coverage for the conterminous 48 States, Hawaii, Puerto Rico, the Virgin Islands, Guam, the major Northern Mariana Islands and 35 % of Alaska. This digital wetlands data can viewed on the [Wetlands Mapper](#), is available for [download](#) and via [web map services](#). View the [News Release](#) (PDF).



New Coastal Wetlands Report Announced

The *Status and Trends of Wetlands in the Coastal Watersheds of the Conterminous United States 2004 to 2009* was released on November 21, 2013. This report is a joint effort with the National Oceanic and Atmospheric Administration and was also funded in part by the U.S. Environmental Protection Agency. This report tracked wetland loss in the watersheds of the Pacific, Atlantic, and Gulf coasts, as well as the Great Lakes. It concludes that more than 80,000 acres of coastal wetlands are being lost on average each year, up from 60,000 acres lost per year during the previous study. [Click here to download the Coastal Wetlands Report](#) (12MB PDF); [News Release](#) (PDF); [Questions and Answers](#) (PDF); [Fact Sheet](#) (PDF).



Surface Waters and Wetlands Inventory - Coming Soon!

Often referred to as Version 2.0 of the National Wetlands Inventory, the Surface Waters and Wetlands Inventory provides more inclusive geospatial data of all wetlands and surface water features. This national geospatial data product will contribute substantially to improved modeling of flow and water movement in surface water basins, channels, and wetlands. For more information visit the [SWI Product Summary web page](#).



Status and Trends of Wetlands in the Conterminous United States 2004 to 2009: Report to Congress on the status and trends of our Nation's wetlands resources

This report is the latest in a continuous series spanning 50 years of wetlands data. It represents the most comprehensive and contemporary effort to track wetlands resources at a national scale. [Click here to download the report and related documents](#).

Visit our [News](#) page for a complete list of News. Follow us on [Facebook](#) for our latest announcements!

Last updated: 05/12/2014 16:14:15

WEBINAR SCHEDULE/RECORDINGS

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



What's New:

- Less Than Half of Americans Make Anthropogenic Connection
- Clean Water Act 2.0: Rights of Waterways
- Virginia Coastal Partners Workshop: Save the Date
- FGCU appoints director for new Everglades Wetland Research Park
- LA: Expanded Louisiana Coastal Zone Boundary Approved
- Wetland Breaking News - Current Issue

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Conference Schedule

The Association of State Wetland Managers holds webinars on a regular basis, many of which relate to a specific project and work closely with the project. ASWM holds webinars as part of its members' education series. Topics of interest to members. Please click on the name below for more details about individual webinars. If you have any questions about a webinar, please contact Laura at [laura@aswm.org](#). If you are a member, and you missed a webinar, please contact the members' webinar series, please contact the members' webinar series, please post the recordings of the webinars going on the website.

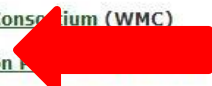
Webinar Series

[Function Alliance \(NFFA\)](#) [Future](#) [Past](#)

[Conservation Consortium \(WMC\)](#)



A presentation given during a webinar.



WEBINAR SCHEDULE/RECORDINGS

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



In the News:

- Great Barrier Reef's 'unprecedented' threat from dredging, dumping
- EPA Awards \$860K to Comm. for Climate Change
- European seafloor survey reveals depth of marine litter problem
- 100th anniversary of passenger pigeon's extinction reveals lessons
- "Alien" Plant Species Are Fighting Toxic Waste At Liberty State Park
- Wetland Breaking News - Current Issue

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Hot Topics

- Ag News
- MS River & Wetlands
- Gulf Oil Spill
- Sea Level Rise Tools

ASWM Webinars/Conference Schedule

The Association of State Wetland Managers holds webinars on various topics, most of which relate to a specific project and work group. In addition, ASWM holds webinars as part of its members' webinar series on topics of interest to members. Please click on the webinar group name below for more details about individual webinars. In all cases, if you have any questions about registering for a webinar, please contact Laura at laura@aswm.org. If you are a member, and you missed a webinar that was part of the members' webinar series, please contact us. We will post the recordings of the webinars going ahead.



A presentation given during a webinar.

Special ASWM Webinars

Future:

[Special ASWM American Wetlands Month Webinar](#) – May 29, 2014 – 3:00pm EDT

Past:

[Special ASWM Webinar: Options for Financing Environmental Enhancement at the Local Level in Oregon](#) – January 23, 2014 – To view Webinar, [click here](#).

[Special ASWM Webinar: Wetland Link International North America](#) – October 29, 2013 – To view Webinar, [click here](#).

[Special ASWM Webinar - Koontz v. St. Johns River Water Management District: What Happened and Where Do We Go From Here](#) – Wednesday, July 17, 2013 – 3:00 p.m. ET – To view Webinar and PowerPoint Presentations, [click here](#).

Members' Wetland Webinar Series

[Future](#) [Past: Members Only](#) [Past: Nonmembers](#)

Natural Floodplain Functions Alliance (NFFA)

[Future](#) [Past](#)

Wetland Mapping Consortium (WMC)

[Future](#) [Past](#)



WMC WEBINARS POSTED

From May 21, 2014
 Nate Herold:
 “Using Land Cover Change Data to Better Understand Wetland Trends”

<p>Part 1: Introduction, Marla Stelk, ASWM Presenter: Nate Herold, Physical Scientist, NOAA Coastal Services Center</p>	<p>Part 2: Nate Herold, Physical Scientist, NOAA Coastal Services Center</p>	<p>Part 3: Nate Herold, Physical Scientist, NOAA Coastal Services Center</p>

From April 16, 2014
 Steve Kloiber & Robb Macleod: “The Minnesota NWI Update”
 (2 part presentation)

<p>Part 1A Presenter: Steve Kloiber, P.E., Ph.D., Wetland Monitoring Coordinator, Minnesota Dept. of Natural Resources</p>	<p>Part 1B Presenter: Steve Kloiber, P.E., Ph.D., Wetland Monitoring Coordinator, Minnesota Dept. of Natural Resources</p>	<p>Part 1C and Questions Presenter: Steve Kloiber, P.E., Ph.D., Wetland Monitoring Coordinator, Minnesota Dept. of Natural Resources</p>
<p>Part 2A Presenter: Robb Macleod, National GIS Coordinator, Ducks Unlimited</p>	<p>Part 2B Presenter: Robb Macleod, National GIS Coordinator, Ducks Unlimited</p>	<p>Part 2C: Questions/Answers</p>

FUTURE SCHEDULE - 2014

- **July 16:**
 - To Be Determined
- **August 20:**
 - Introduction to Surface Waters and Wetland Inventory (Mitch Bergeson, US FWS)
- **September 17:**
 - To Be Determined
- **October 15:**
 - Mapping Forested Wetland Inundation using LiDAR Intensity Data (Megan Lang, Science Systems and Applications, Inc.)

RICHARD A. WEBER

IT WILL TAKE US A FEW MOMENTS TO MAKE THE SWITCH....



***Thank you for your
participation!***

