Wetland Mapping Consortium

Creating a Value-Added Wetlands Layer: Enhancing the Utility of Wetland Mapping in Montana
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 during the webinar.
Audio

Telephone Users
Click on the speaker icon on the bottom right of your screen and click on the speaker to mute or slide the bar down.

Click on Speakers, then click on the icon next to microphone to mute.
Agenda

• Welcome and Introductions (5 minutes)
• WMC Webinar Schedule/Recordings (5 minutes)
• Saving NWI – Next Steps (10 minutes)
• Creating a Value-Added Wetlands Layer: Enhancing the Utility of Wetland Mapping in Montana (45 minutes)
• Questions and Discussion (20 minutes)
• Wrap up (5 minutes)
ASWM Webinar Series Moderator

Marla Stelk, Policy Analyst

Association of State Wetland Managers
Presenter

Karen Newlon,
Ecologist
Montana Natural Heritage Program
Webinar Schedule/Recordings
Webinar Schedule/Recordings

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 forward.

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 Function Alliance (NFFA) Future Past

Wetland Mapping Consortium (WMC) Future Past

Wetland Restoration Permitting Project

Wetland Program Plans Project Past

Stream Identification/Definition/Mitigation Project Future Past
WMC Webinars Posted
Tuesday, September 17, 2013
• Mapping "Natural" Floodplains, Kevin Coulton, cbec, eco engineering, inc.
• Soil Survey Information for Floodplain Mapping, Dave Hoovers and Sharon Waltman, Natural Resources Conservations Service
• Ralph Tiner’s “NWI+ Data: What It Is & How It’s Being Used” PDF only – video in progress
Future Schedule - 2014

- **January 22:** The evolution of NWI mapping and how it has changed: a comparison of old and new methodologies - strengths and weaknesses
- **February 19:** Mapping forested wetland inundation with the Landsat historic record and mapping the relationship between inundation and stream flow
- **March:** ASWM Winter Meeting Workshop, March 4-6 2014  
  (Mapping sessions available for remote participants)
- **April 16:** NWI Update in Minnesota: How a state-wide update was possible and new techniques for implementation
- **May 21:** TBD
- **June 18:** Presenting a new method to correct LIDAR intensity for evergreen vegetation and provide highly accurate maps of inundation in forested wetlands
- **July 16:** Using SURRGO data to identify potentially restorable soils AND a presentation of a case study on use of potentially restorable wetlands data in Wisconsin
More Potential 2014 Webinar Topics

• How to use time series Landsat data to find disturbance areas
• The use of elevation surface derivatives for mapping wetlands
• Processing the LIDAR data so that it can be interpreted
• How to use time series Landsat data to detect changes in vegetation: wetlands vs. nonwetlands
• How to use publicly available data (specifically Google Earth) in photo interpretation of wetlands
• Using GeoNet for stream mapping
• Mapping wetlands in the Great Lakes: using best available data within a normalization framework and a closer look at Canadian wetland mapping approaches
Future of NWI Discussion

The National Wetlands Inventory Program (NWI) has been producing wetland maps and geospatial wetland data for the United States since the mid-1970s. The focus on the program has been on two fronts: 1) map or digital database preparation and delivery to the public, and 2) projecting and reporting on national wetland trends using a probability-based sampling design. The status of mapping has been made available through various media throughout the program's 50-year history (e.g., state atlases, regional status maps, and now through the Internet via the Wetlands Mapper online tool).

Regional Wetlands Coordinators are located in each of the Service's regions. The National Standards and Support Team is located in Madison, WI, and is the home of the Wetlands Coordinators, as well as staff providing science and support for all geospatial applications of wetlands data. The Wetlands Mapper serves as the data discovery mechanism and is managed in cooperation with the U.S. Geological Survey in Madison, WI.

The U.S. Fish and Wildlife Service (Service) is the principal Federal agency that provides information to the public on the extent and status of the Nation’s wetlands. The agency has developed a series of topical maps to show wetlands and deepwater habitats. This geospatial information is used by Federal, State, and local agencies, academic institutions, and private industry for management, research, policy development, education and planning activities. Digital data can be viewed and downloads are available through the Wetlands Mapper.

The Fish and Wildlife Service is headquartered in Arlington, Virginia, and responsibility for the geospatial wetlands data falls to the Division of Habitat and Resource Conservation.

NWI Program Overview

The National Wetlands Inventory (NWI) Program was established by the U.S. Fish and Wildlife Service (Service) in 1974 to conduct a nationwide inventory of U.S. wetlands to provide its biologists and others with information on the distribution of wetlands to aid in wetland conservation efforts.

- Click here to view the Program Overview
**Actions Underway**

- Shell letter to send to FWS Regions, Headquarters, and others forwarded to WMC participants – will be forwarded to other interested organizations e.g. AFWA, JVCs, ASFPM, NEIWPCC, WWA, DU
  - Mailing/Contact list included
  - Short summary of uses with examples and user groups included
  - A few examples of State Wetland Mapping Summaries included (you can print your own of interest from ASWM One-Stop Mapping website)
- Asking WMC members to use shell letter or create own letter of support and to forward to other interested parties
- Please cc Wetland Regional Coordinators when sending out letters
- Joint letter to be developed – let us know if interested
Karen Newlon
It will take us a few moments to make the switch....
Discussion
Thank You for Participating!