Wetland Mapping Consortium

Two Part Webinar:

• Mapping Forested Wetland Inundation with the Landsat Historic Record
• Mapping the Relationship between Inundation and Stream Flow using Landsat Time Series Data
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 – Update (5 minutes)
- Mapping Forested Wetland Inundation with the Landsat Historic Record (20 minutes)
- Mapping the Relationship between Inundation and Stream Flow using Landsat Time Series Data (20 minutes)
- Questions and Discussion (20 minutes)
- Wrap up (5 minutes)
ASWM Webinar Series Moderator

Marla Stelk,
Policy Analyst

Association of
State Wetland Managers
Presenters

Megan Lang
Senior Research Scientist with SSAI and Coordinator of the U.S.D.A. Mid-Atlantic Wetland Conservation Effects Assessment Project

In-Young Yeo
Assistant Professor of Geographical Sciences, University of Maryland
Webinar Schedule/Recordings
Webinar Schedule/Recordings

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

What's New:
- White House Enviro Council Chairwoman Sutley Stepping Down
- Ethanol Could Be Forced to Boost Pipeline Safety in MT
- Bay water quality still falling short
- Wetland Aquaculture Potential in Spain Highlighted
- Ohio ERAC Issues Wetlands/Stream Impact Permit Decision
- Wetland Breaking News - Current Issue

Main Menu
- Join/Renew
- Donate
- Wetlandkeepers Initiative
- Volunteer
- Sign Up for WBN
- Sponsor WBN
- Latest News
- Complete Wetlander
- Note from Board Chair
- Welcome Letter
- Message from the Founder
- Contact Us

ASWM Menu
- About ASWM
- ASWM Projects
- Do Business With Us
- Support Wetlandkeepers
- Volunteer
- Contact Us
- Publications
- ASWM Webinars/Calls

Login Required:
- ASWM Board (Login Req.)
- Newsletter
- Insider's Edition

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.

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/Delineation/Mitigation Project
- Future
- Past
WMC Webinars Posted

From November 20, 2013
Ralph Tiner’s “NWI+ Data: What It Is & How It’s Being Used”

From December 18, 2013
Karen Newlon’s “Creating a Value-Added Wetlands Layer: Enhancing the Utility of Wetland Mapping in Montana”

COMING SOON: The Evolution of NWI & How It Has Changed: A comparison of old and new methodologies (Andy Robertson, Saint Mary’s University)
Future Schedule - 2014

• **March:** ASWM Winter Meeting, 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 (Robb McCloud & Steve Kloiber)

• **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 (Megan Lang)

• **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 (John Galbraith & Andy Robertson)
# ASWM Winter Meeting Sessions

## SESSION 2 (151 Instructional West)

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 p.m. - 1:30 p.m.</td>
<td><strong>Update on the Use of SLAMM for National Wildlife Refuges</strong> – Brian Czech, U.S. Fish and Wildlife Service</td>
<td></td>
</tr>
<tr>
<td>1:30 p.m. - 2:00 p.m.</td>
<td><strong>Mapping Wetlands in New Mexico</strong> – Shelley Barnes, New Mexico Environment Department (remote)</td>
<td></td>
</tr>
<tr>
<td>2:00 p.m. - 2:30 p.m.</td>
<td><strong>The Use of gSSURGO for HGM Wetland Site Concept Development and Mapping</strong> – Richard Weber, USDA Natural Resources Conservation Service</td>
<td></td>
</tr>
<tr>
<td>2:30 p.m. - 3:00 p.m.</td>
<td><strong>Using NOAA's Coastal Change Analysis Program (C-CAP) to Better Understand Wetland and General Change Trends</strong> – Nate Herold, National Oceanic and Atmospheric Administration</td>
<td></td>
</tr>
</tbody>
</table>
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

OTHER IDEAS? LET US KNOW! 😊
Saving NWI

• NWI funds are being redirected to other program areas within the FWS
• Shell letter sent out to all WMC members
  • Asked WMC members to use shell letter or create own letter of support and to send to FWS Regional Directors & Director Dan Ashe
• Joint letter developed and available to sign at
Help us Save the National Wetlands Inventory

The future of the National Wetlands Inventory is at risk. The National Wetlands Inventory program is one of the oldest and most frequently used government mapping resources. However, its capacity to fulfill its mission has been compromised by a gradual but significant decrease in financial support for the program and redirection of existing funding to other program areas by the U.S. Fish and Wildlife Service.

Please add your organization as a co-sponsor on our open letter to U.S. Fish and Wildlife Service Director, Dan Ashe, urging him to continue funding and increase support for the National Wetlands Inventory.

Mr. Daniel M. Ashe, Director
U.S. Fish & Wildlife Service
1849 C Street NW, Room 3331
Washington, D.C. 20240-0001

Dear Director Ashe,

We are asking you to help secure the future of our nation’s wetlands by supporting the continuation of the National Wetlands Inventory and increased funding for its programs. The National Wetlands Inventory program is one of the oldest and most frequently used government mapping resources. However, its capacity to fulfill its mission has been compromised by a gradual and precipitous decrease in financial support for the program and redirection of funding to other program areas by the U.S. Fish and Wildlife Service.

The National Wetlands Inventory offers Americans the opportunity to work together, share resources and knowledge, to literally see the bigger picture and to steer our country into a sustainable future. But it needs the support of the U.S. Fish and Wildlife Service to continue doing so. Please make an investment in America’s natural resource future by supporting the continuation of the National Wetlands Inventory and increasing its funding.

We would welcome an opportunity to discuss the importance of the National Wetlands Inventory for wetland conservation in a meeting. Please contact Jeanne Christie, Executive Director of the Association of State Wetland Managers at (207) 892-3399 or at Jeanne.Christie@aswm.org. Thank you for your time and consideration.

Sincerely,

Jeanne Christie, Executive Director, Association of State Wetland Managers

The Wetland Mapping Consortium
Megan Lang

It will take us a few moments to make the switch....
In-Young Yeo

It will take us a few moments to make the switch....
Discussion
Thank You for Participating!