

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.

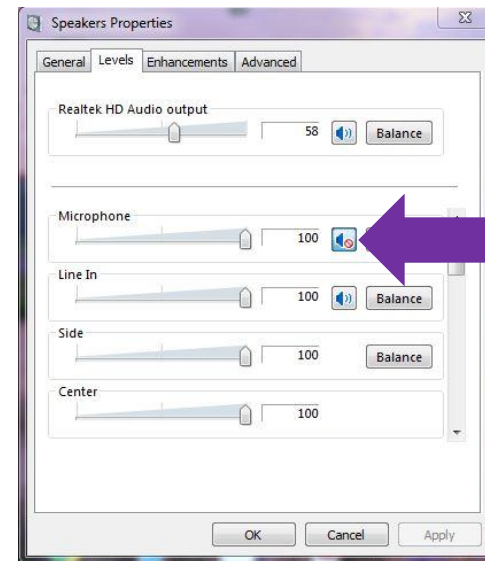
Audio

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

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

Home ASWM I Am... Wetlands Science Wetland Programs Watersheds Law News Blog

Home > ASWM

Main Menu

- Join/Re...
- Donate
- Wetland
- Voluntee
- Sign Up
- Latest N
- Complea
- Note fro
- Welcome
- Message
- Contact

ASWM Mem

- About AS
- ASWM Board (Login Req.)
- ASWM Projects
- Do Business With Us
- Publications
- ASWM Webinars/Calls

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- Newsletter

- About ASWM
- ASWM Projects
- Doing Business With ASWM
- Support Wetlandkeepers
- Volunteer
- Contact ASWM
- Publications
- ASWM Members (Login Reg.)
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- ASWM Webinars/Calls

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[Conference Schedule](#)

Association of State Wetland Managers holds webinars on topics of which relate to a specific project and work as part of its members' topics of interest to members. Please click on name below for more details about individual webinars, if you have any questions about a webinar, please contact Laura at [email address] if you are a member, and you missed a part of the members' webinar series, please contact the recordings of the webinars going on.



A presentation given during a webinar.

[Webinar Series](#)

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

[Wetland Program Plans Project](#)

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[Stream Identification/Delineation/Mitigation Project](#)

Webinar Schedule/Recordings

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



What's New:

- White House Enviro Council Chairwoman Sutley Stepping Down
- Enbridge Could Be Forced to Boost Pipeline Safety in MI
- 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

Home ASWM I Am... Wetlands Science Wetland Programs Watersheds Law News Blog

Home > ASWM > ASWM Webinars/Calls

Main Menu

- Join/Renew
- Donate
- Wetlandkeepers Initiative
- Volunteer
- Sign Up for WBN
- Sponsor WBN
- Latest News
- Compleat 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

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- Newsletter
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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 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

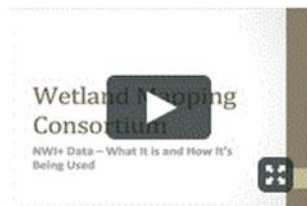
Wetland Program Plans Project [Past](#)

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"



Part 1: Introduction
Ralph Tiner, Regional NWI
Coordinator, Northeast Region,
U.S. Fish and Wildlife Service



Part 2: Ralph Tiner, Regional NWI
Coordinator, Northeast Region,
U.S. Fish and Wildlife Service



Part 3: Ralph Tiner, Regional NWI
Coordinator, Northeast Region,
U.S. Fish and Wildlife Service



Part 4: Questions

From December 18, 2013

Karen Newlon's "Creating a Value-Added Wetlands Layer: Enhancing the Utility of Wetland Mapping in Montana"



Part 1: Introduction
Presenter: Karen Newlon,
Montana Natural Heritage
Program



Part 2: Karen Newlon,
Montana Natural Heritage
Program



Part 3: Karen Newlon,
Montana Natural Heritage
Program
Questions/Answers

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)

Wetland Mapping Consortium Possibilities

1:00 p.m. - 1:30 p.m.

Update on the Use of SLAMM for National Wildlife Refuges – Brian Czech, U.S. Fish and Wildlife Service

1:30 p.m. - 2:00 p.m.

Mapping Wetlands in New Mexico – Shelley Barnes, New Mexico Environment Department (remote)

2:00 p.m. - 2:30 p.m.

The Use of gSSURGO for HGM Wetland Site Concept Development and Mapping – Richard Weber, USDA Natural Resources Conservation Service

2:30 p.m. - 3:00 p.m.

Using NOAA's Coastal Change Analysis Program (C-CAP) to Better Understand Wetland and General Change Trends – Nate Herold, National Oceanic and Atmospheric Administration

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
[http://aswm.org/wetlandsonestop/joint letter to dan ashe.pdf](http://aswm.org/wetlandsonestop/joint_letter_to_dan_ashe.pdf)

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-signer 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

decrease in financial support for the program and redirection of existing funding at the U.S. Fish and Wildlife Service 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

Co-Sign the Open Letter to Dan Ashe

Name

Title

Organization

Email

ADD MY NAME

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!

