

Wetland Training Webinar Series

*Hosted by the Association of State Wetland Managers
and the USDA Natural Resources Conservation Service*



Webinar #4 of 9:
**Wetlands Ecology for Planners:
Examples of Variation Across
the United States**

December 14, 2018
3:00 pm – 5:00 pm Eastern

Webinar Presenters:

- Doug Norris, Minnesota Department of Natural Resources
- Andy Robertson, Saint Mary's University of Minnesota



Photo Credit: NRCS

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.



If your Internet connection is slow...

Turn off other programs, restart and if that doesn't work...

Prior to this webinar laura@aswm.org sent an e-mail with a link to pdf's of all the presentations to everyone who was registered.

It is possible to use that in lieu of watching the PowerPoint and listen on the phone.



This webinar is being recorded.
It will be post-processed and available to watch from the ASWM webinar section of our website in 3-4 weeks.

ASWM-NRCS Wetland Training Webinar Series

Target Audience

- **Level 1&2 NRCS Conservation Planners in field offices**
- **State and tribal wetland program staff**
- **Soil and Water Conservation District staff**
- Those working with NRCS Planners
- Staff from other agencies working on these issues (e.g. Forest Service, Bureau of Land Management)
- NRCS non-planners who can use this knowledge/skill-building in their work.



This webinar series...

Works to **help participants build general knowledge about wetlands**, wetland restoration options and considerations.

Ties in with the NRCS nine-step planning process, focusing on Phase I collection and analysis steps: identify problems, determine objectives, inventory resources and analyze resource data.

Has been designed so that each webinar can be viewed as a stand-alone training module, but they are **best viewed sequentially**.

ASWM-NRCS Wetland Training Webinar Series



- **Webinar 1: Introduction to Wetlands (June 22nd)**
- **Webinar 2: Wetlands in a Watershed/at the Landscape Scale (July 13th)**
- **Webinar 3: Wetland Ecology for Planners: How a Wetland Should Function (November 14th)**
- **Webinar 4: Wetland Ecology for Planners: Examples of Variation Across the United States (December 14th)**
- **Webinar 5: Dealing with Reality: How to Work with Wetlands in Altered Landscapes (January 16th)**
- **Webinar 6: Identifying Resource Concerns and Determining Landowner Objectives**
- **Webinar 7: How to Talk about Wetlands with Landowners**
- **Webinar 8: What are Wetland Restoration Choices? Matching Objectives to Programs and Getting Additional Help**
- **Webinar 9: Dealing with Challenging Weather Patterns in Restoration Planning**

Webinar Agenda



Photo Credit: USFWS

Welcome & Introductions

(10 minutes)

Presentations

(90 minutes)

- **Introduction to Key Concepts**, Andy Robertson
- **Wetland Variability Across the Country**, Doug Norris
- **Re-Thinking Wetland Inventory to Address Land Management Issues**, Andy Robertson
- **Key Takeaways**, Jeanne Christie

Q&A

(20 minutes)

Today's Presenters



Doug Norris
Wetlands Program Coordinator
Minnesota Department
of Natural Resources



Andy Robertson
Saint Mary's University
Minnesota

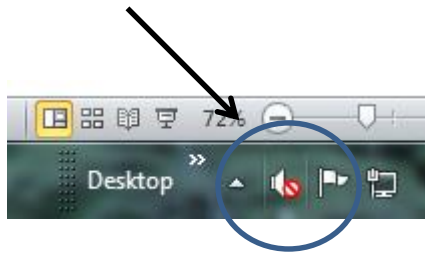
Webinar Moderator



Jeanne Christie
Association of State
Wetland Managers

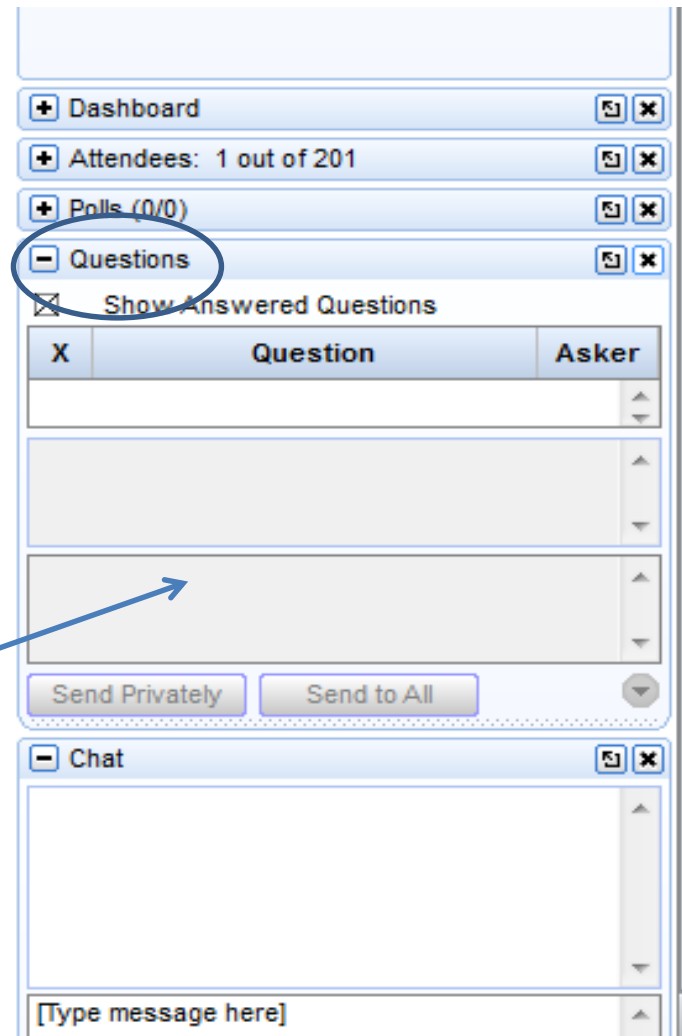
Webinar Tech Check-in

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Please submit your questions for the presenters via the question box.

Tip: Close out other non-essential programs on your desktop



How to Access Information about ASWM Webinars

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

ASWM Upcoming Webinars

- ASWM-NRCS Wetland Training Webinar 1: [Introduction to Wetlands](#) - 6/22/18
- Members' Wetland Webinar: [Helping Wetland Restoration Decision-Making with EPA's Recovery Potential Screening Tool](#) - 6/27/18
- NFFA Webinar: [Floodplain Policies for Flood Survivors - A Conversation](#) - 7/10/18
- For a complete list of ASWM Webinars, [click here](#).

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ASWM Supports Natural Infrastructure

The Association of State Wetland Managers joined the Association of State Floodplain Managers, the American Society of Civil Engineers and others in supporting the inclusion of natural and nature-based infrastructure in the next Water Resources Development Act (WRDA) currently under consideration in Congress. The provisions supported by the co-signers would allow the U.S. Army Corps of Engineers to implement natural infrastructure alternatives to reduce flood and storm risks while providing additional environmental benefits.

[The letter can be found here.](#)

[Other ASWM policy documents can be found here.](#)

**Maryann M. McGraw and Roy R. "Robin" Lewis, III
Recipients of 2018 National Wetlands Awards**

The Association of Wetland Managers (ASWM) was very excited to participate in the Environmental Law Institute's National Wetlands Awards program again this year and attended the awards ceremony on Wednesday, May 9, 2018 in Washington, D.C. Two of our nominees, Maryann M. McGraw (co-nominated with Saint Mary's University of Minnesota) and Roy R. "Robin" Lewis, III both won awards this year. [Read more.](#)

ASWM RECENT PUBLICATIONS

- ASWM Wetland Communications Case Studies Project Report
- Government Liability for Flood Hazards
- Increasing Access to High Quality, Affordable Wetland Training for On-the-Ground Wetland Professionals in the United States
- Challenges & Solutions in Coastal Wetlands: Findings, Gaps & Priorities
- Government Liability and Climate Change: Selected Issues for Wetland and Floodplain Managers
- Legal Issues in Upgrading Flood Maps to Reflect Climate Change, Other Changed Conditions
- Definition of Wetland

Upcoming ASWM Webinars

In the News

- Coal is Being Squeeze out

ASWM Webinar Series



Members' Wetland Webinar Series



- For Members of ASWM Only
- List of Past Members' Webinars
 - Future Webinars
 - Past Webinars (Log In Required)
- 

Hot Topics Webinar Series



- List of Past Hot Topics Webinars
- Future Webinars
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Compensatory Mitigation Webinar Series



- Future Webinars
- Past Webinars

ASWM-NRCS Wetland Training Webinar Series



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ASWM Energy Project Webinar Series



- Future Webinars
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Invasive Species Webinars



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Natural Floodplain Functions Alliance Webinar



- List of Past NFFA Webinars
- Future Webinars
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Wetland Mapping Consortium Webinar (WMC)



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Clean Water Act Webinars



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Improving Wetland Restoration Success Project



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<https://www.aswm.org/join-aswm>



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- Free Participation in our Member's Only Wetland Webinar Series
- Exclusive access to Member's Webinar recordings*
- Free Certificates of Attendance for all ASWM webinars*†
- Free Subscription to the Association's bi-monthly membership newsletter, Wetland News
- Free Subscription to the Association's weekly news bulletin, Insider's Edition
- Reduced Rates for Participation in ASWM Workshops and Training Sessions
- Opportunities for Involvement in ASWM Committees
- Voting rights in elections of the Board of Directors and all issues presented to members to vote*
- Access to a member's only section for discussions in ASWM's Online Forum*
- Access to a Robust Online Collection of Wetland References
- Access to a National Network of Wetland Professionals
- A Sense of Pride Knowing That You Have Directly Supported Active Wetland Conservation Efforts Nationwide
- Corporate group memberships (11-20+ people) also include logo placement on ASWM's website homepage with a live link*
- For a detailed description of benefits, [click here](#).

* New benefits as of Dec. 1, 2016

† Non-members will be charged \$25.00 for each Certificate of Attendance beginning January 1, 2017.

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Who can get Certificates for Use in Applying for Continuing Education Credits?

- FREE certificates for ASWM Members; \$25 processing fee for Non-Members
- You must be a participant during the entire live webinar presentation.
- We are able to track webinar participation by registrants using our GoToWebinar software.
- Your Certificate of Participation will state that you were a participant in this specific ASWM webinar on today's date from 3-5 pm Eastern.
- You will be responsible for sending the ASWM certificate to your accrediting organization.

Using *ClassMarker* to Download your Certificate of Participation

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You will need to **create a username and password**.

This will take you to the "test" where you will **certify your participation**. If you certify your participation, click "yes."

You will be prompted to download your certificate. If you cannot download, go back into ClassMarker using your password to print. *Do not pay twice to download.*

For assistance , please contact **Laura Burchill** laura@aswm.org or (207) 892-3399.



Handing the Controls Over to Our Presenter

Key Concepts

- There are many kinds of wetlands
- Wetland functions and benefits vary by wetland type
- Geospatial data can aid understanding wetlands
- The presence and/or absence of wetlands affects other watershed resources and overall watershed health

Questions/Discussion



Thank you!

