



Association of State Wetland Managers
Soils Training Webinar Series
Webinar #2

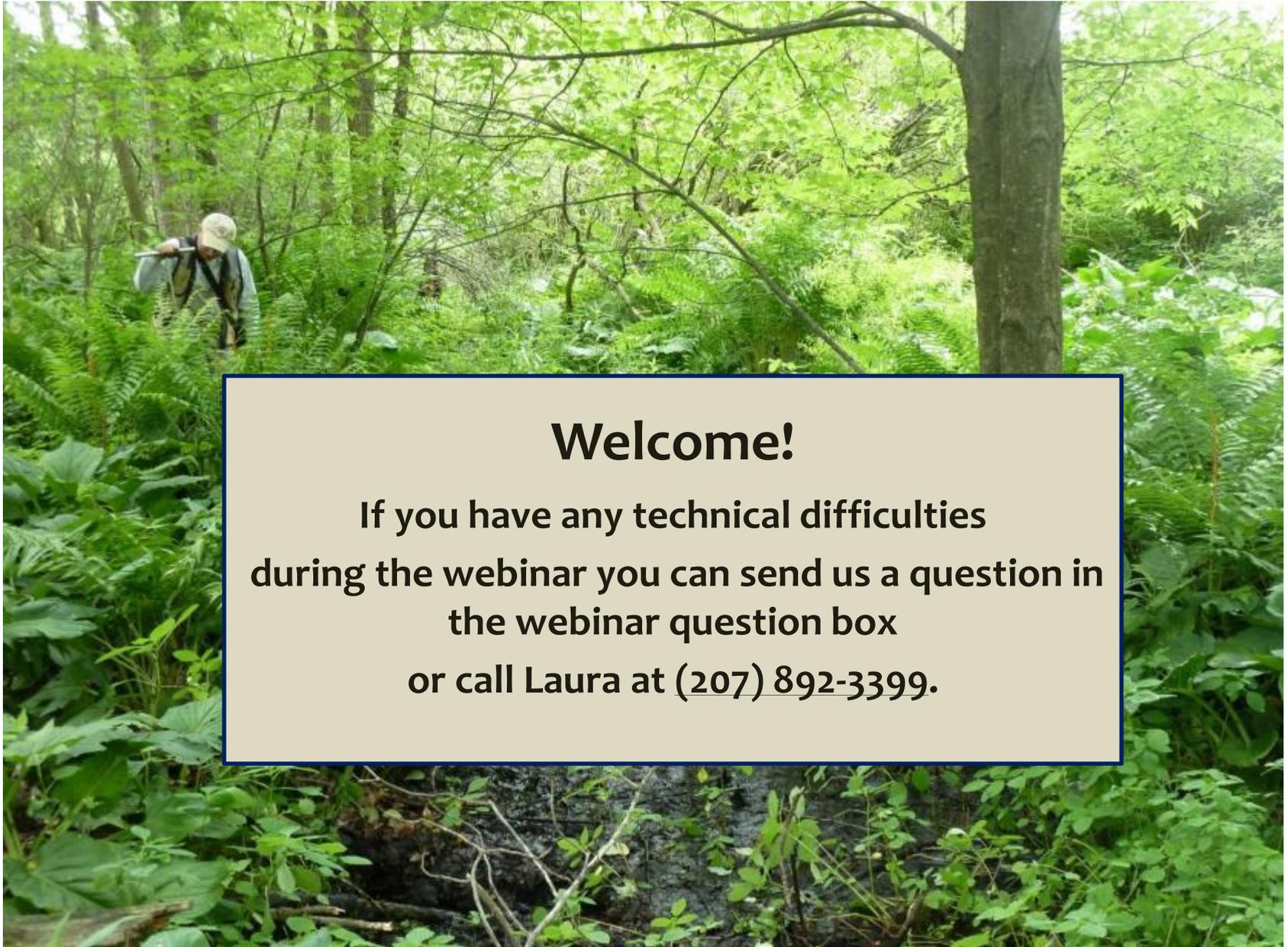
Hydric Soil Processes

August 10, 2016

3:00 - 5:00 pm Eastern

Training Presenters

- John Galbraith, Virginia Tech
- Bruce Vasilas, University of Delaware
- Lenore Vasilas, USDA - 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.

Some Tech Guidance for Today's Webinar

If you are using the telephone to listen to the webinar, please mute both your computer's microphone and speakers



To ensure GoToWebinar runs as smoothly as possible, please close any programs you are not using

In case of audio issues:

Have the .pdf document we sent you prior to the webinar ready to follow; you can still call-in using the telephone using the number and access code

A screenshot of the GoToWebinar interface. The 'Questions' panel is highlighted with a blue circle. Below it, the 'Show Answered Questions' checkbox is checked. The 'Questions' table has columns for 'X', 'Question', and 'Asker'. Below the table are 'Send Privately' and 'Send to All' buttons. The 'Chat' panel is visible at the bottom with a text input field containing '[Type message here]'. A blue arrow points from the text below to the 'Send to All' button.

X	Question	Asker

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

Training Webinar Agenda

Welcome

(5 minutes)

Introduction of ASWM Training Pilot and Voluntary Online Quiz

(5 minutes)

Trainer Introductions

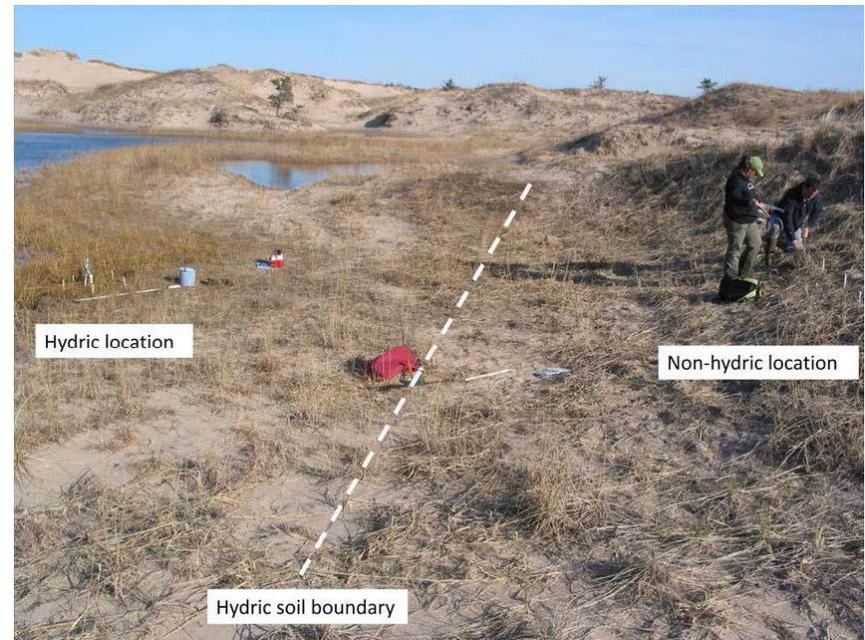
(5 minutes)

Three Training Presentations

(~75 minutes combined)

Q&A

(30 minutes)



Webinar Moderator



Brenda Zollitsch
Policy Analyst
Association of State Wetland Managers

Introductory Remarks

Jeanne Christie, ASWM Executive Director



ASWM Wetland Training A Work in Progress



- Our grant is allowing us to pilot different training efforts
- Working with a national project workgroup to help guide ASWM efforts
- Hydric soils training in response to ASWM needs assessment and restoration project findings
- Working to find the best methods and tools to deliver trainings
- Lots of considerations
- Learning as we go
- We welcome feedback!





Recap of ASWM Soils Webinar #1:

Basics of Hydric Soils

Presented /Recorded by ASWM on 7-13-16

Content Already Covered

Focus: ASWM's Basics of Hydric Soils training webinar was designed to help participants better understand the basics of hydric soils:

- Soil formation
- Horizonation versus simple processes
- Soil texture and structure
- Soil color

Future Webinars:

September 14th at 3 pm Eastern
Hydric Soils Training Webinar #3:
Landforms and Landscapes

October 12th at 3 pm Eastern
Hydric Soils Training Webinar #4:
Using Field Observations of Soils Onsite in Decision Making

Since the Webinar

- Sent out certificates of participation to all who requested
- Tried out several different quiz mechanisms

Under Construction: ASWM Online Training Modules



- Working towards post-processing webinars into online training modules
- *Individual Online Module = Intro + One Presentation + Quiz*
- Available for anytime/anywhere access
- Qualified for documentation of participation (for use in obtaining CEUs)

Hydric Soils Training Webinar #2



PURPOSE

Based on ASWM project training needs assessment, data from ASWM's recent studies and wetland restoration project findings

Soil Webinar Series has been designed to:

- Meet a clear training need for on-the-ground wetland professionals
- Deliver high quality soils training

Voluntary Quiz ← Asking all participants to take the quiz

- To evaluate the quality of ASWM training
- To inform ASWM's larger initiative to improve access to high quality wetland training
- To identify participants who wish to receive *documentation of attendance* in the webinar

IMPORTANT

To receive documentation of webinar attendance (for CEUs), you must:
1) participate in the live webinar presentation and 2) complete the electronic quiz.

Webinar #2: Hydric Soil Processes

Learning Objectives

By taking part in this training webinar, participants should be able to:

- Better understand hydric soil processes, including:
 - Redox reactions & redoximorphic features
 - Hydric soils functions
 - The Hydric Soil Technical Standard
- Better understand information collected on hydric soil data sheets
- Better interpret hydric soils information



On-the-Ground Training Recommended

in addition to ASWM Webinars/Online Modules



- Soils training needs a field component
- Learning basics today about hydric soils processes that can be taught remotely
- At the end of the four webinar-series, ASWM encourages you to participate in field training
- ASWM will be providing a draft field training agenda
- Find a local/state/regional entity that can host field training

What's On the Voluntary Quiz?



You will take the quiz on using a website called “Survey Monkey.” However, it is a QUIZ, not a survey.

Quiz takes
~10 minutes
to complete

- **Basic Information**

- First and last name
- Email address
- Agency/affiliation
- Documentation of Attendance (for CEUs)

- **Knowledge Questions**

- Nine soils training questions (three per webinar section)

- **Optional:**

Your Work with Wetlands and Hydric Soils

- *Years of experience (categories)*
- *Whether or not you have had training on hydric soils in the past*
- *Level of government where you primarily work*
- *Whether you expect to use the learning from this webinar in the next year (If you want to share, how plan to use it)*

How to Access the Online Quiz

**A link to the electronic survey will be provided
at the end of the webinar, before the Q&A Session**

Your Options

Option A: Click on the hyperlink provided in the webinar “Comment Box”

Option B: Download the document in “handouts” and use the link in it

Option C: Use the hyperlink that will be sent in follow-up GoToWebinar email

If you cannot access the Quiz Egg site...

Option D: You may request a PDF copy of the quiz to be emailed to you (with directions) by contacting Laura Burchill at laura@aswm.org

How to Access Information about ASWM Soils Training Webinars and Online Modules

www.aswm.org

Register here for Hydric Soil Training Webinars #3-4

Online Modules will also be posted on ASWM Soils Page when ready for use

Online modules developed from Webinars #1 & #2 are planned to be available in the Fall (Sept/Oct)

The screenshot shows the website for the Association of State Wetland Managers (ASWM). At the top, the header reads "Association of State Wetland Managers - Protecting the Nation's Wetlands." Below the header is a navigation bar with links for Home, ASWM, I Am..., Wetlands, **Soils**, Wetland Programs, Watersheds, Law, News & Jobs, and Blog. The "Soils" link is circled in yellow. A search bar is located below the navigation bar. The main content area is divided into two columns. The left column contains a "Main Menu" with links for Join/Renew, Contact Us, News, Webinars, ASWM Publications, Wetlands One-Stop Mapping, Donate, and Volunteer. Below this is a "Member's Login" section with fields for Username and Password, a "Remember Me" checkbox, and a "Log In" button. There is also a "Create an account" link. The right column features an article titled "Soils" with a sub-header "Soils" circled in yellow. The article text discusses the importance of soil in wetlands and the need for proper assessment and management. A photo of a person in a field is included, with the caption "Jeanne Christie Photo". Below the article is a "Science Menu" with links for Wetland Science, Wetlands One-Stop, Monitoring & Assessment, National Wetland Condition Assessment (NWCA), Indicators, Wetland Restoration, Planning & Design, Ecosystem Service Valuation, Restoration Costs, Hydrology, Soils, Plants, Monitoring & Performance Standards, Adaptive Management, Invasive Species, Wetlands & Climate Change, Sea Level Rise, Carbon Sequestration, Natural & Green Infrastructure, Climate Change Assessment, Climate Change Modeling, Climate Change Publications, and Other Resources. At the bottom of the page, there is a section for "ASWM HYDRIC SOILS TRAINING SERIES WEBINAR" with a "Register Now" button.

Today's Trainers



John Galbraith
Associate Professor
of Crop and Soil
Environmental Sciences,
Virginia Tech



Bruce Vasilas
Professor of Agronomy
and Soil Management,
Plant and Soil Sciences
Department,
University of Delaware



Lenore Vasilas
Soil Scientist,
Technical Soil Services,
Soil Science Division,
USDA NRCS

Handing Over Controls to Today's First Trainer



Do Not Proceed to Quiz Link
Until After Webinar Presentations



Link to the Quiz

<https://www.surveymonkey.com/r/ASWMHydricSoilsWebinar2Quiz>