Stream Identification, Delineation and Mitigation Workgroup

Learning to “SWVM”
(Stream and Wetland Valuation Metric)
Hosted by the Association of State Wetland Managers
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 or e-mail her at laura@aswm.org during the webinar.
Presenters

Danny Bennett, West Virginia Department of Natural Resources

Brenda Zollitsch, Association of State Wetland Managers
Today’s Moderator

Jeanne Christie,
Association of State Wetland Managers
Agenda (60 minutes)

1. Welcome and Introductions (5 minutes)
2. Interview Findings: A growing Number of Tools to Assist with Stream Work (10 minutes)
3. Learning to SVWM, (25 minutes)
4. Question and Answer (15 minutes)
5. Wrap-up (5 minutes)
Audio

After joining the webinar, open the Audio panel on the right hand side of your screen.

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Audio

Telephone Users
Select **Telephone** in the Audio pane. You will see the call-in number, an access code and audio PIN that will allow us to unmute your line if you wish to ask a question during the webinar.

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Webinar Recordings

The recorded webcasts and PowerPoints for the July 2012 through November 2013 are available.
Webinar Schedule/Recordings

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

What's New:
- Flood Risk in the Courts, ASWM
- Webinar: Water Adaptation: A Climate of Opportunity
- EPA Announces Interagency Effort to Protect Coral Reefs
- 2013 EPA Community Involvement Training Conference
- Nature Geoscience & Nature Climate Change: Water in a Warming World
- Wetland Breaking News - Current Issue

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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.

Members' Wetland Webinar Series  Future  Past
Natural Floodplain Function Alliance (NFFA)  Future  Past
Wetland Mapping Consortium (WMC)  Future  Past
Wetland Restoration Permitting Project
Wetland Program Plans Project  Future  Past
Stream Identification/Delineation/Mitigation Project  Future  Past
Webinar Schedule/Recordings

Recently Recorded ASWM Webinars

The Association of State Wetland Managers hosts and records 3-5 webinars each month. Below are some recent presentations. For more information on future and past webinars, click here.

Special ASWM Webinar: Wetland Link International North America


NWI+ Data What It Is and How It’s Being Used – Ralph Tiner, Regional NWI Coordinator, Northeast Region, U.S. Fish and Wildlife Service

Future Schedule

Thursday, February 20, 2014, 2:00 p.m. eastern
Stream Creation and Draft Report Review/Comment

March 4-6, 2014
ASWM Annual Meeting (available via broadcast) will include stream topics

Thursday, April 17, 2014, 2:00 p.m. eastern
Special Topics: Altered/Degraded Streams and Ditches; Impoundments and Dams
Next Steps

• This is part of a series of webinars for the Stream Identification, Delineation and Mitigation Workgroup
• This webinar will be recorded and will be posted to the workgroup web page following post processing (@ 3 weeks)
• If you would like to identify future topics you would like, please contact Jeanne Christie at jeanne.christie@aswm.org
Agenda (60 minutes)

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Interview Findings:
A Growing Number of Tools to Assist with Stream Work

- Stream Assessment Tools
- Mitigation Guidelines
  - Ratios
  - Functions
  - Spreadsheets
- Measures of Success
- Role of Functional Assessment
- Ecological Uplift
## Functional Measures

### Opportunities
- Measure ecological uplift
- Redefining success
- Science-based measures
- Building on existing tools and knowledge

### Challenges
- Expensive
- Time consuming
- What is functional uplift?
- What functions to measure?
- How much uplift is enough?
- Concerns about linear nature of streams
- Lack of control over upstream influences

Creating tool that is:
- Scientifically sound
- Takes into account all necessary factors
- Flexible
- Transparent
- Incentivizes restoration/mitigation
Examples of States Building Function-based Tools for Streams
(from Stream Interviews)

Using FA

- Florida
- Nebraska
- Oregon
- Pennsylvania
- South Dakota
- Texas
- West Virginia

Moving to FA

- Alabama
- Colorado
- North Carolina
- Oregon
Changing over to Danny’s Computer...
Questions/Discussion
Thank You for Participating!