



Cumulative Adverse Effects of Pipeline Development on Wetlands and Other Aquatic Resources



Pipeline Permitting Webinar Series

July 24, 2018

3:00 pm – 4:30 pm Eastern

Webinar Presenter:

- **Wing Goodale, PhD**
Biodiversity Research Institute



Welcome!

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Webinar Agenda



Welcome & Introductions

(10 minutes)

Presentations

(45 minutes)

Q&A

(20 minutes)

Today's Presenter



Wing Goodale
Biodiversity Research Institute

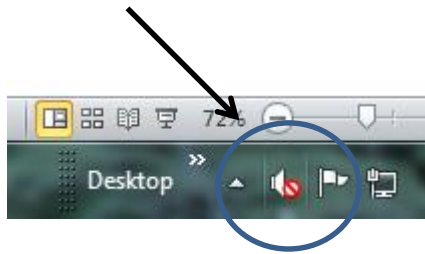
Webinar Moderator



Brenda Zollitsch
Association of State
Wetland Managers

Webinar Tech Check-in

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





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

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

A screenshot of a webinar interface. The top part shows a list of panels: Dashboard, Attendees: 1 out of 201, Polls (0/0), and Questions. The 'Questions' panel is selected and circled in blue. Below it, there is a checkbox for 'Show Answered Questions' which is checked. A table with columns 'X', 'Question', and 'Asker' is visible. Below the table are two buttons: 'Send Privately' and 'Send to All'. At the bottom, there is a 'Chat' panel with a text input field containing '[Type message here]'. A blue arrow points from the text above to the question box area.

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



ASWM Upcoming Webinars

- Compensatory Mitigation Webinar: An Ecological Framework for Reviewing Compensatory Mitigation: Abiotic Processes (Part 2 of 4) - 7/16/18
- ASWM Energy Project Webinar #1: Improving the Information Pipeline: Working with Consultants During Oil and Gas Pipeline Permitting Processes - 7/18/18
- ASWM Energy Project Webinar #2: Cumulative Adverse Effects of Pipeline Development on Wetlands and Other Aquatic Resources - 7/24/18
- Members' Wetland Webinar: Navigating the Clean Water Act to the Waters of the United States - 7/25/18
- ASWM-NRCS Wetland Training Webinar 2: Wetlands in a Watershed at the Landscape Scale - 8/15/18

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In the News

- Supplemental Notice: Definition of "Waters of the United States" - Recodification of Preexisting Rule

120-day Comment period and Three Public Hearings on Proposed Rule on Increasing Consistency and Transparency in Considering Costs and Benefits in the Rulemaking Process Requested

The Association of State Wetland Managers joined eight other associations representing state and local decision-makers, in forwarding a letter requesting that EPA extend to 120 days the public comment period for the proposed rule, "Increasing Consistency and Transparency in Considering Costs and Benefits in the Rulemaking Process," (83 Fed Reg. 27524, June 13, 2018). The associations also requested that EPA hold at least three public hearings to gather additional public input on the proposal. The current request for comments in the Federal Registers is for 30 days ending July 13. [Read letter here.](#)

Upcoming ASWM Webinars


Compensatory Mitigation Webinar

An Ecological Framework for Reviewing Compensatory Mitigation: Abiotic Processes (Part 2 of 4)

Monday, July 16, 2018 at 2:00 p.m. ET

PRESENTERS

- Lenore Vasilas, USDA Natural Resources Conservation Service
- Walter I. Priest, III, Wetland Design
- Steve Eggers, U.S. Army Corps of Engineers, St. Paul District



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- 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

ASWM Webinars



Members' Wetland Webinar Series

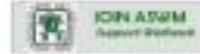


For Members of ASWM Only

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List of Past Hot Topics Webinars

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* New benefits as of Dec. 1, 2016

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- You will be responsible for sending the ASWM certificate to your accrediting organization.

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



Cumulative Adverse Effects

Key Areas of Concern Identified

1. Barriers to Effective, Efficient permitting
 2. Understanding Pipeline Permitting Processes
 3. Working with Consultants (Intermediaries)
-
1. **How to consider Cumulative Impacts**
 2. Best Management Practices



How Do the Pieces Fit Together?

Thinking through Common Questions



- How can I think about cumulative impacts?
 - What information do I need to gather/request?
 - How can I compare different projects and look at their compounding effects?
 - Boundedness: What choices do I need to make?
- Allowing for flexibility and state/tribal differences
 - For use by applicants AND regulators can use (independently or jointly)

A Framework for Thinking about Cumulative Impacts

ASWM/BRI White Paper:

- A way to start creating shared understanding
- Encouraging transparency and predictability
- Positing a way of thinking about this (there are others!)
- Starting a dialogue
- We encourage you to share with ASWM!



Send links/info to brenda@aswm.org

A scenic landscape featuring a calm pond in the middle ground, surrounded by tall, golden-brown grasses in the foreground. In the background, a dense forest of trees with vibrant autumn foliage in shades of orange, yellow, and red stretches across the horizon under a clear, light blue sky. A single, small evergreen tree stands prominently on the left side of the pond.

Handing the Controls Over to Our Presenter