

# Natural Floodplain Functions Alliance Webinar Series Presents:

## The Ecology, Engineering & Economics of Natural Coastal Defenses

**Presented by:**  
**Mike Beck, The Nature Conservancy**

*Hosted by the Association of State Wetland Managers  
Supported by the McKnight Foundation*

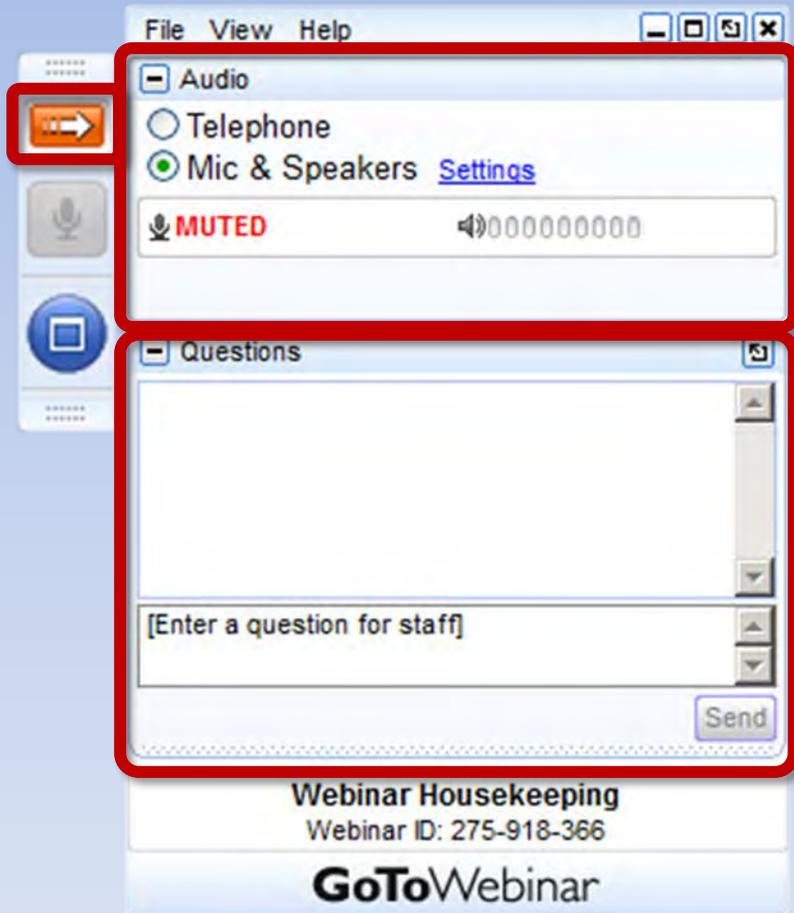
# Welcome!

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.

# Attendee Participation



## Your Participation

Open and close your control panel

Join audio:

- Choose **Mic & Speakers** to use VoIP
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Submit questions and comments via the Questions panel

# This Session is being Recorded



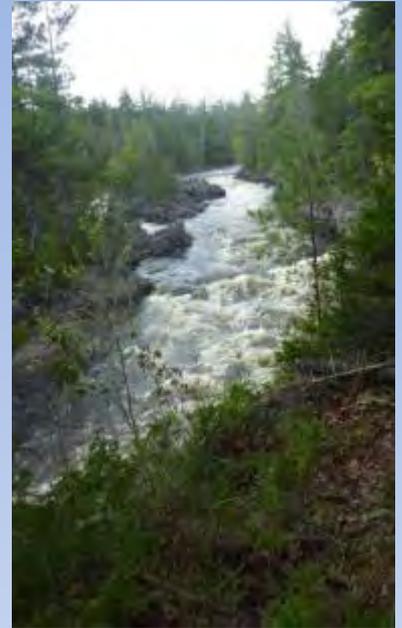
# Agenda

- **Welcome and Introductions** – 5 minutes
- **Federal policy updates** – 15 minutes total (this month = NFFA update)
- **Webinar presentation and Q&A** – 60 minute training:

“The Ecology, Engineering & Economics of Natural Coastal Defenses”

Mike Beck, Lead Marine Scientist, The Nature Conservancy, and Adjunct Professor in Ocean Sciences, University of Santa Cruz

- **Participating member round robin updates** – 10 minutes total (e.g., 2 minutes per update)



## **NFFA Background:**

NFFA was established to promote, protect, and enhance the protection, restoration, and management of natural floodplain resources.

Members share information and may elect to coordinate actions on issues of interest, but the NFFA is not an advocacy group nor does it take formal positions on matters of national policy, guidance or legislation.

## **Focus Areas for 2016:**

1. The Federal Flood Risk Management Standard and Implementing Guidelines
2. The President's Memorandum on Mitigating Impacts on Natural Resources from Development and Encouraging Related Private Investment

# NFFA Goals

1. Encourage information-sharing among organizations and agencies that support restoration and conservation of natural floodplain resources
2. Use sound science to develop fair and reasonable policies and programs that support restoration and conservation of natural floodplain resources
3. Integrate natural floodplain management into broader landscape and watershed management initiatives.
4. Facilitate creation and integration of programs and policies to sustain and restore natural floodplain resources
5. Support revision or elimination of policies and programs that degrade and destroy natural floodplain resources
6. Improve communication about the importance of natural floodplain resources at all levels of government

# NFFA Activities 2016

- Hold/record and post six webinar/CC's annually
- Develop a media kit
- Hold a workshop (currently seeking funding) on reducing regulatory hurdles to floodplain restoration
- Provide better information to NFFA about ways to “mainstream” natural infrastructure
- Support development of floodplain maps that include natural infrastructure

# Today's Presenter

**Mike Beck**

Lead Marine Scientist,  
The Nature Conservancy  
and

Adjunct Professor in  
Ocean Sciences,  
University of California  
Santa Cruz



[mbeck@TNC.ORG](mailto:mbeck@TNC.ORG)

# NFFA Webinar Series Moderators



**Marla Stelk**

**Policy Analyst**

Association of State  
Wetland Managers



**Jeanne Christie**

**Executive Director**

Association of State  
Wetland Managers

# Webinar Schedule & Recordings

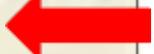
## Association of State Wetland Managers - Protecting the Nation's Wetlands.



### ASWM Upcoming Webinars

- Stream/Wet Meadow Restoration - September 8, 2015
- The Florida Wetlands Integrity Dataset: Part 2 - September 16, 2015
- Solar Project Siting and Wetland Permitting - September 29, 2015

For a complete list of ASWM webinars, [click here.](#)



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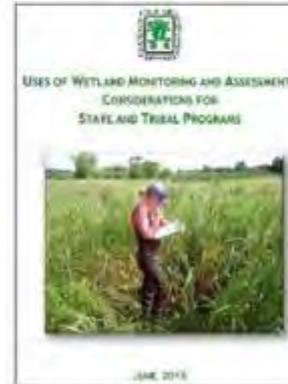
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### ASWM Publications

#### Uses of Monitoring and Assessment in Wetland Programs

The Association of State Wetland Managers has released a new report - *Uses of Monitoring and Assessment: Considerations for State and Tribal Programs*. This report - which was prepared with technical assistance from an EPA State Wetland Program Development Grant - explores the various ways that states and tribes could make better use of existing monitoring and assessment methods to obtain science-based answers to wetland management problems. While it provides an overview of many common approaches to wetland monitoring, the focus is primarily on **why** these methods are selected for a given purpose. This report encourages the thoughtful identification of the most appropriate and efficient methods in light of available financial and staff resources.



### Picture of the Week *Lovely Weeds*



Jeanne Christie Photo

For information about this picture and to see past pictures of the week click [here](#).



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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](mailto: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.

If you haven't used Go To Webinar before or you just need a refresher, please view our guide prior to the webinar here.



A presentation given during a webinar

#### Special Topics Webinars

Future Past

#### Members' Wetland Webinar Series

Future Past: Members Only Past: Nonmembers

#### Natural Floodplain Functions Alliance (NFFA)



Future Past

#### Wetland Mapping Consortium (WMC)

Future Past

#### Improving Wetland Restoration Success Project

Future Past

# Latest NFFA Webinar Posted

**From Nov. 3, 2015**  
An Introduction to the  
Marsh Adaptation  
Strategy Tool (MAST)

Presenter:  
Dr. Samuel Merrill  
GEI Consultants, Inc.



Part 1(a): Introduction: Jeanne Christie, ASWM

Part 1 (b): Presenter: Dr. Samuel Merrill, GEI Consultants, Inc., first 12 minutes of presentation



Part 2: Presenter: Dr. Samuel Merrill, GEI Consultants, Inc., next 17 minutes of presentation



Part 3: Questions/Answers



Part 4: Questions/Answers

# Future Schedule

**April:** Webinar/CC: Flooding & Resiliency in the Upper Basin of the Mississippi River (ASFPM)

**May:** Break

**June:** Webinar/CC: TBD (ASWMM)

**June 19-24:** ASFPM Annual Conference & NFFA Workshop

**July:** Break

**Aug.:** Webinar/CC: TBD (ASFPM)

**Sept.:** Break

**Oct:** Webinar/CC: TBD (ASWMM)

**Nov.:** Break

**Dec.:** Webinar/CC: TBD (ASFPM)



# Interested in Receiving CEUs?

## Who can get CEUs?

- You must be a participant during the entire live webinar presentation.
- We are able to track webinar participation by registrants using our GoToWebinar software.
- **Documentation will state that you were a participant for X hours of a specific NFFA webinar.**

## Receiving Documentation

*If you need CEUs for your participation in today's webinar, you **must request** documentation from ASWM.*

*Please note that we will send the documentation to you **for you to forward** to the accrediting organization.*

Please contact **Laura Burchill**  
[laura@aswm.org](mailto:laura@aswm.org)  
(207) 892-3399

Provide:

- Your full name (as registered)
- Webinar date and Title

A scenic view of a river flowing through a lush green landscape. The river is in the foreground, reflecting the sky and the surrounding greenery. The middle ground is filled with dense evergreen trees, and the background shows a hazy, forested hillside under a light sky.

## Changing over to Presenter's Computer...

Photo credit: Racquette River, John McShane

# Participant Round Robin Updates

10 minutes total (e.g., 2 minutes per update)

*The Natural Floodplain  
Functions Alliance thanks you  
for your participation!*

[www.aswm.org](http://www.aswm.org)

