

The Association of State Wetland Managers Presents:  
**Improving Wetland Restoration Success  
2014 — 2015 Webinar Series**

***Pacific Coast Wetland Restoration***

***Presenters:***

***Charles ("Si") Simenstad, University of Washington***

***John Callaway, University of San Francisco***

***Moderators: Jeanne Christie & Marla Stelk***



Supported by EPA Wetland Program Development Grant 83541601



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# HAVING TROUBLE WITH THE SOFTWARE?



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1. You were sent a link to instructions for how to use the Go To Webinar software.
2. You were also sent a PDF of today's presentation. This means you can watch the PDF on your own while you listen to the audio portion of the presentation by dialing in on the phone number provided to you in your email.

# AGENDA



- **Welcome and Introductions (5 minutes)**
- **Restoration Webinar Schedule & Future Recordings (5 minutes)**
- **Pacific Coast Wetland Restoration (60 minutes)**
- **Question & Answer (15)**
- **Wrap up (5 minutes)**



# WEBINAR MODERATORS



Jeanne Christie,  
Executive Director



Marla Stelk,  
Policy Analyst

# WETLAND RESTORATION PROJECTS

- Convened interdisciplinary workgroup of 25 experts
- Developing monthly webinar series to run through September 2015
- Developing a white paper based on webinars and participant feedback
- To be continued through 2016 in an effort to pursue strategies that:
  - Maximize outcomes for watershed management
    - Ecosystem benefits
    - Climate change
  - Improve permit applications and review
  - Develop a national strategy for improving wetland restoration success

# WEBINAR SCHEDULE & RECORDINGS

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



### What's New:

- Less Than Half of Americans Make Anthropogenic Connection
- Clean Water Act 2.0: Rights of Waterways
- Virginia Coastal Partners Workshop: Save the Date
- FGCU appoints director for new Everglades Wetland Research Park
- LA: Expanded Louisiana Coastal Zone Boundary Approved
- Wetland Breaking News - Current Issue

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### Conference Schedule

State Wetland Managers holds webinars on topics of which relate to a specific project and work ASWM holds webinars as part of its members' topics of interest to members. Please click on name below for more details about individual webinars, if you have any questions about a webinar, please contact Laura at [email address]. If you are a member, and you missed a part of the members' webinar series, please post the recordings of the webinars going on.



A presentation given during a webinar.

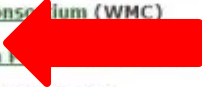
### Webinar Series

Function Alliance (NFFA) [Future](#) [Past](#)

Conservation (WMC)



[Wetland Program Plans Project](#)

[Stream Identification/Delineation/Mitigation Project](#)



# WEBINAR SCHEDULE & RECORDINGS

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



**In the News:**

- EPA, Rockefeller Foundation Team Up for Resilient Cities
- Leading the Way for Carbon Finance Investments in Coastal Wetland
- CO: Saving the Colorado River Delta, One Habitat at a Time
- Great Barrier Reef at risk from 'rushed' sediment dumping plan at Abbot
- Coastal Sprawl and a Last Stand for Wetlands in China
- 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](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.

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A presentation given during a webinar

### Special ASWM Webinars

**Past:**

- [Special ASWM Webinar: Wetland Link International North America Webinar II: Best Practice in Designing, Building and Operation of Wetland Education Centers](#) - July 30, 2014
- [Special ASWM American Wetlands Month Webinar](#) - May 29, 2014
- [Status and Trends of the Prairie Pothole Region](#) - May 8, 2014
- [Special ASWM Webinar: Options for Financing Environmental Enhancement at the Local Level in Oregon](#) - January 23, 2014
- [Special ASWM Webinar: Wetland Link International North America](#) - October 29, 2013
- [Special ASWM Webinar - Koontz v. St. Johns River Water Management District: What Happened and Where Do We Go From Here](#) - Wednesday, July 17, 2013 - 3:00 p.m. ET

### 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](#)

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# FUTURE SCHEDULE - 2015

- **Tuesday, April 17, 3:00pm eastern:**
  - **Vernal Pool Restoration: How to Restore the Landscape**  
Presented by:  
**Mick Micacchion, Midwest Biodiversity Institute;  
Christina M. Schaefer, Schaefer Ecological Solutions; and  
Aram J.K. Calhoun, The University of Maine**
- **Tuesday, May 19, 3:00pm eastern:**
  - **Prairie Pothole Restoration**  
Presented by:  
**Sue Galatowitsch, University of Minnesota; and  
Carter Johnson, South Dakota State University**

FOR FULL SCHEDULE, GO TO: <http://aswm.org/aswm/6774-future-webinars-improving-wetland-restoration-success-project>

# PRESENTERS



**Charles (“Si”) Simenstad**  
Research Professor  
University of Washington



**John Callaway**  
Professor  
University of San Francisco

## A “COOKBOOK” APPROACH TO WETLAND RESTORATION WON’T WORK



*There are too many variables.*

- *Ingredients are always different*
- *Reason for ‘cooking’ varies*
- *Recipe isn’t always correct*
- *Inexperienced cooks*
- *Cooking time varies*
- *Poor inspection when “cooking”*
- *Additional ingredients may be needed*
- *Is it really done?*

**WE NEED TO  
UNDERSTAND THE  
PLANNING PROCESS  
AND VARIABLES FROM  
SITE TO SITE THAT  
MUST BE STUDIED,  
UNDERSTOOD AND  
ADDRESSED**



## EACH WETLAND RESTORATION PROJECT IS UNIQUE:

- *Consider both historic and current landscape setting*
- *Analyze how water moves into and out of the site*
- *Evaluate soils present and identify any onsite drainage*
- *Focus first on hydrology and soil first, last on plants*
- *Develop a plan that is achievable for the site*
- *Develop comprehensive cost estimates*
- *Ensure plan is followed*
- *Hire experienced and knowledgeable contractors*
- *Adapt plan as needed during construction*
- *Determine if monitoring criteria will measure progress*
- *Keep good records and share with others*



# Pacific Coast Wetland Restoration

IT WILL TAKE US A FEW MOMENTS TO MAKE THE SWITCH...



*Thank you for your  
participation!*



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