

# Restoration

## Webinar Series



### Webinar Schedule (May – October, 2019)



**May 23 (2-3 pm ET): Large Scale Oyster Restoration in Chesapeake Bay** – Stephanie Westby (NOAA Restoration Center). This webinar will be an overview of the collaborative Chesapeake Bay oyster restoration effort that NOAA, US Army Corps of Engineers, state natural resource management agencies in Maryland and Virginia, and several NGOs and academics have undertaken.

**May 30 (2-3 pm ET): Using Integrated Stream and Wetland Restoration Systems to Improve Habitat and Achieve Clean Water Objectives** – Erik Michelsen (Anne Arundel County Department of Public Works). This talk will discuss how Anne Arundel County, MD has emulated the functions of historical, integrated stream and wetland systems to provide both water quality and habitat benefits in a manipulated landscape.



**June 20 (2-3 pm ET): San Clemente Dam Removal: Lessons Learned from the Largest Dam Removal in California's History** – Dylan Wade (Water Systems Consulting) and Shawn Chartrand (Balance Hydrologics). This

webinar will discuss the channel restoration in the San Clemente Dam Removal project using a unique approach to step-pool and riffle morphology construction on a deformable bed in an attempt to restore gradient and passage continuity while allowing natural channel evolution.

**July 25 (2-3 pm ET): Innovative Fish Passage Using a Regenerative Stream Channel While Keeping the Old Mill Pond** – Roman Jesien (Maryland Coastal Bays Program).

Regenerative stream channel concept, developed to restore degraded, incised stream channels, was used to mitigate a mill pond dam obstruction. The channel consisted of a series of rock grade control riffles enhanced with native vegetation, include Atlantic white cedar, to pass fish from tidal to nontidal waters.



**August 22 (2-3 pm ET): Upper Newport Bay Living Shorelines Project, CA, a PMEP funded project** – Katie Nichols (Orange County Coastkeeper). This webinar will present results to date of a collaborative living shoreline project targeting the restoration of the Olympia oyster, and eelgrass. We will provide an overview of the community implementation approach and the experimental design of the project in Newport Beach, California.



**September 19 (2-3 pm ET): Winter Lake Restoration Project** – Jason Nuckols (The Nature Conservancy). The Winter Lake project in the Coquille Basin in Oregon installed seven new state of the art tide gates and restored 1,700 acres in a tidal wetland that allowed for juvenile salmon rearing in a working landscape.

**October 17 (2-3 pm ET): The Stream Evolution Triangle: Casting Biology as an Equal Partner to Hydrology and Geology**– Janine Castro (US Fish and Wildlife Service). The Stream Evolution Triangle is a conceptual model that accounts for the influences of geology, hydrology, and biology, which leads to improved understanding of reach-scale morphology and the dynamic-response mechanisms responsible for stream evolution and adjustment following natural and anthropogenic disturbance.



Visit the [Restoration Webinar Series](#) page for more information and how to register.

Use this [form](#) for credit towards SER's Certified Ecological Restoration Practitioner Program or contact Jen Lyndall at [certification@ser.org](mailto:certification@ser.org).

Visit the [archives](#) to view past events.