JOINT COMMITTEE ON FISHERIES ENGINEERING AND SCIENCE

2021 Webinar Series

REMOVING BARRIERS TO ECOLOGICAL RESTORATION

Thursday, May 20, 2021

Gwen Macdonald, Presenter Biography

Gwen Macdonald is the Director of Ecological Restoration at Save the Sound New Haven, CT. For over a decade she has managed Save the Sound's river and tidal wetlands restoration program, leading the successful implementation of over two dozen restoration construction projects. Gwen has a B.S. in Ecological Engineering from SUNY College of Environmental Science and Forestry with postgraduate studies at Rutgers and the University of Massachusetts. She manages a team of restoration practitioners and works with a diverse group of stakeholders to advocate for programs and policies that will encourage healthier rivers, marshes, and shorelines in Connecticut, New York, and Long Island Sound.

Join Us: May 20, 2021
12:00 PM EDT 11:00 AM CDT
10:00 AM MDT 9:00 AM PDT

- Duration: 60 Minutes
- Webinar Platform: Microsoft Teams Live
- (Log in details and number will be provided by email to registrants)
- Direct questions or suggestions for future webinars to Tobias Kock at: fisheriesengineeringscience@gmail.com

What does ecological restoration look like? While we are inspired by the soaring success of large-scale dam removals like the Elwha, that is not something available to all restoration practitioners. In the fragmented and highly populated northeast US, restoration practitioners may need to find links between seemingly disparate projects to gain momentum and achieve results that are impactful at the landscape and community scale.

As we enter the UN Decade on Ecosystem Restoration on June 5, 2021, this presentation will explore the technical aspect of river restoration and opportunities to holistically address aquatic habitat fragmentation and systemic impacts. Utilizing case studies from New York and Connecticut, we will explore watershed-based approach to barrier removal; reducing barriers to entry for diverse project leadership and stakeholder participation; collaboration between engineers, managers, and contractors for better projects; implementing projects at a range of scales to avoid planning fatigue; and incorporating community-driven decision making into restoration projects.

Join us to learn more about stakeholder driven dam removal and ecological restoration at a range of scales.

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Registration Link

The Joint Committee on Fisheries Engineering and Science is hosting a free webinar series as part of its mission to engage scientists and engineers on topics related to fish passage. The Committee consists of members of the American Fisheries Society Bioengineering Section (AFS-BES) and the American Society of Civil Engineers Environmental and Water Resources Institute (ASCE-EWRI). It was established in January 2011 to foster communication between the two groups, provide opportunities for engineers and biologists to share relevant knowledge and learn from one another, and to collaborate on projects related to fish passage.

Visit our Web Site for More Information