

# JOINT COMMITTEE ON FISHERIES ENGINEERING AND SCIENCE



## 2015 Webinar Series



### PRESENTER BIOGRAPHIES

Ms. Jennifer Bountry and Dr. Tim Randle are hydraulic engineers at the Bureau of Reclamation's Sedimentation and River Hydraulics Group in Denver, Colorado. They have worked on multiple dam removal projects in the western United States, river restoration design and analysis, and reservoir sedimentation issues throughout the world. They have recently published on the Savage Rapids and Elwha Dam removal projects, and are leading the development of two guidelines on dam removal implementation and sedimentation analysis.

### WEBINAR INFORMATION

Date: Wednesday, March 25, 2015  
Time: 1:30p EDT | 12:30p CDT | 10:30a PDT  
Duration: 60 Minutes  
Webinar Platform: Microsoft Lync

## HOW TO DEAL WITH SEDIMENT IN DAM REMOVAL

Ms. Jennifer Bountry  
Dr. Tim Randle

*Bureau of Reclamation's Sedimentation and River Hydraulics Group, Denver, CO*

Technical guidelines for dam removal are under development to link the level of reservoir sediment data collection, analysis, and modeling to the level of risk to river-related resources. In this 60-minute webinar, Ms. Bountry and Dr. Randle will present key components of the guidelines. The presentation will include the reservoir data gathering steps; significance of reservoir sediment volume; sediment and dam removal alternatives; sediment analyses and modeling; and uncertainty, monitoring, and adaptive management. Case study examples from small to large dam removals will also be included to demonstrate how the level of sediment investigation can vary, depending on the potential sediment risk to natural resources or infrastructure.

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.

Please RSVP for call-in information and direct any questions or comments to Abigail Archer at [fisheriesengineeringscience@gmail.com](mailto:fisheriesengineeringscience@gmail.com)