

JOINT COMMITTEE ON FISHERIES ENGINEERING AND SCIENCE



2021 Webinar Series

Fish Ramps in the Inter-Mountain West and Great Plains
Thursday, February 18th



William Rice

Presenter Biography

William Rice joined the US Fish and Wildlife Service in 2004 as an engineer and hydrologist to conduct aquatic restoration and fish passage. He holds a B.S. in Geotechnical Engineering from the Colorado School of Mines and M.S. in Watershed Science from Colorado State University. Bill has designed and guided hundreds of fish passage projects for a host of salmonid and non-salmonid species at road crossings, nature-like and technical fishways across Alaska, Intermountain and Great Plains regions. He assists in fish passage research at the Bozeman Fish Technology Center in Montana and informs fish passage policy on local, state, and national levels. In addition to getting fish where they need to go, Bill enjoys hiking, biking, traveling, and attempting to grow things in his backyard.

Join us: February 18, 2021.

12:00 PM EST	11:00 AM CST
10:00 AM MST	9:00 AM PST

Duration: 60 Minutes

Webinar Platform: Microsoft Skype

Please RSVP: [Registration Link](#)

Direct questions or comments to Tobis Kock @
fisheriesengineeringscience@gmail.com

Low head dams are prolific in the West and Great Plains, primarily used as water diversion for purposes ranging from irrigation to town water supplies and they usually present complete or partial obstacles to fish movement.

Despite their relatively high cost, fish ramps are one of the most preferred methods used to address fish passage in the West across low head dams.

In this webinar, Mr. Rice will discuss the different methods and modeling used to design ramp passage, their utility and stability in the river environment, current designs, and research into their effectiveness with both salmonid and non-salmonid species. Examples include both grouted and non-grouted rocky ramps and concrete ramps in various size rivers and streams with research by the US Bureau of Reclamation, US Fish and Wildlife Service and Colorado State University.

Join us to learn more about fish ramps, an effective option for connecting fragmented aquatic landscapes.

Date: Thursday, February 18, 2021

[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.