Presented By: UNBC's Natural Resources & Environmental Studies Institute

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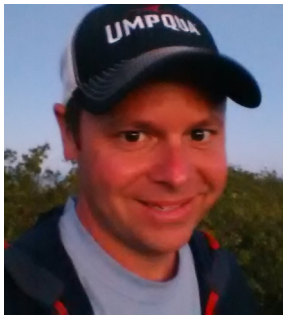

Working across boundaries - Integrating Behaviour, Physiology, and More to Facilitate the Conservation of Freshwater Fish

Guest Presenter: Dr. Steven Cooke

Canada Research Chair in Fish Ecology and Conservation Physiology
Carleton University,
Ottawa, Ontario

Wednesday March 22, 2017

7:30 pm

Room 8-166 UNBC Prince George Campus

Participants can also attend remotely by going to:

www.unbc.ca/nres-institute/colloquium-webcasts

Presentation Summary:

Conservation problems are inherently complex with effective solutions dependent on the ability to integrate and apply diverse concepts, approaches, and tools. Here I describe how we have used behaviour, physiology, hydraulic engineering, and social science to inform our understanding of issues related to the conservation of freshwater fish. Case studies related to fisheries bycatch and fish-hydropower interactions are used to emphasize the benefits of integrating different perspectives to advance mission oriented research. I conclude with a broader discussion related to the benefits, risks, and challenges of working across and between traditional academic disciplines.

Dr. Cooke is a Canada Research Chair and Professor of Environmental Science and Biology at Carleton University. His research is focused on the ecology and conservation of wild fish with research sites spanning freshwater and marine systems around the globe. He has 500+ peer reviewed publications and currently mentors 7 post docs and 20 graduate students. Cooke is the Editor-in-Chief of the journal "Conservation Physiology", Chair of the Sea Lamprey Research Board for the Great Lakes Fishery Commission, Chair of the Science Advisory Board of Ocean Tracking Network Canada, and President-Elect for the International Section of the American Fisheries Society. He currently holds an NSERC E.W.R. Steacie Fellowship and is a Member of the College of the Royal Society of Canada.

All are welcome to attend. No registration required.

The Natural Resources & Environmental Studies Institute at the University of Northern British Columbia, together with its partners, invite those with interest in learning more about the conservation of freshwater fish to attend this presentation and discussion.

This project is funded by the **Fish and Wildlife Compensation Program** on behalf of its program partners **BC Hydro**, the **Province of BC**, **First Nations** and the **public**, who work together to conserve and enhance fish and wildlife impacted by existing BC Hydro dams.

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