

LARGE WOOD APPLICATIONS IN RIVER RESTORATION

February 13, 2025 – Knowledge Exchange Workshop – Speaker Profiles

DR TIM ABBE

Senior Principal Scientist, Geomorphologist
Natural Systems Design



Dr. Tim Abbe is an internationally renowned geomorphologist and licensed professional engineer specializing in fluvial and coastal geomorphology, and habitat restoration. He is recognized for his highly innovative approach to restoring rivers and is particularly well known for pioneering the use of engineered logjams in river restoration. Tim has led over 200 restoration projects, designing more than 1,000 wood structures that have been implemented globally, throughout the Pacific Northwest, as well as in Australia, Bhutan, Haiti, and Bolivia. Tim is also an accomplished author, contributing to state and federal guidelines for erosion hazard delineation, wood use in restoration, and numerous peer-reviewed publications.

Additional resources:

<https://scholar.google.com/citations?user=Racs72EAAAAJ&hl=en&oi=ao>

NSD Resources: <https://naturaldes.com/resources/>

NSD Speaker Series: <https://naturaldes.com/new-speaker-series/>

Proudly co-presented by:



Pacific Salmon
Strategy Initiative

Initiative de la Stratégie
relative au saumon du Pacifique



LARGE WOOD APPLICATIONS IN RIVER RESTORATION

February 13, 2025 – Knowledge Exchange Workshop – Speaker Profiles

LINDSIE FRATUS-THOMAS

Watershed Restoration Coordinator
Nooksack Tribe Natural Resources Dept



Lindsie is Project Manager and Watershed Restoration Coordinator for Nooksack Indian Tribe, and is responsible for the development and implementation of habitat restoration projects. She works with landowners, jurisdictions, resource and funding agencies, and partners in watershed recovery to ensure restoration projects are implemented on time, on budget, and compliant with project design and permit specifications. Lindsie and her husband are also co-owners of Eska Bay Marine operating a commercial fishing Tender in Alaska.

Additional resources:

Nooksack Tribe Habitat Program: <https://nooksacktribe.org/departments/natural-resources/habitat-program/>

Proudly co-presented by:



Pacific Salmon
Strategy Initiative

Initiative de la Stratégie
relative au saumon du Pacifique



PACIFIC SALMON
FOUNDATION

LARGE WOOD APPLICATIONS IN RIVER RESTORATION

February 13, 2025 – Knowledge Exchange Workshop – Speaker Profiles

TOM BALFOUR

Restoration Biologist
Redd Fish Restoration



Tom Balfour is a restoration practitioner and fish ecologist with Redd Fish Restoration Society, based in the beautiful town of Ucluelet on the west coast of Vancouver Island. Tom's work focuses on designing and implementing watershed restoration programs, with a focus on channel restoration and wood placement. Tom is equally interested in how wood and river processes interact to form fish habitat, and solving the logistical and practical challenges of building restoration projects in remote watersheds. Tom lives in Ucluelet with his partner and 3-year-old son, with most of his free time spent toddler wrangling and the odd bit of fishing and surfing when possible.

Additional resources:

<https://reddfish.org/>

<https://www.youtube.com/@reddfishrestoration>

Healing Hilsyaqyis: <https://www.youtube.com/watch?v=iabKmkINXhU>

Proudly co-presented by:



Pacific Salmon
Strategy Initiative

Initiative de la Stratégie
relative au saumon du Pacifique



LARGE WOOD APPLICATIONS IN RIVER RESTORATION

February 13, 2025 – Knowledge Exchange Workshop – Speaker Profiles

ALAN JONSSON

Ichthyo-Fluvial Specialist
Kerr Wood Leidal Associates



A Jonsson has an educational background in engineering but he has significant interest and knowledge in all things biological and earth sciences. After 23 years working for Fisheries & Oceans Canada, with time split between both the regulatory and restoration branches, Al transitioned to consulting and works as an Ichthyo-Fluvial Specialist with Kerr Wood Leidal Associates in Burnaby BC. His work consists of all things enhancement, restoration and fish passage. When not working, Al tends to a hobby farm in Langley, outside of Vancouver.

Additional Resources:

<https://www.kwl.ca/>



Pacific Salmon
Strategy Initiative

Initiative de la Stratégie
relative au saumon du Pacifique

Proudly co-presented by:



LARGE WOOD APPLICATIONS IN RIVER RESTORATION

February 13, 2025 – Knowledge Exchange Workshop – Speaker Profiles

DR ANNA MARSHALL

Asst Professor, Dept of Geography &
Sustainability
University of Tennessee



Anna Marshall is a fluvial geomorphologist and Assistant Professor in the Department of Geography & Sustainability at the University of Tennessee. Anna received her PhD in geosciences from Colorado State University, focusing on wood as a driver of dynamic and messy river corridors. She uses fieldwork paired with statistical modeling and remote sensing to answer questions across different spatial and temporal scales. Most recently, she's been working on projects related to the role of wood in fostering resilience to disturbances such as fire and floods, and understanding river corridor response to restoration efforts using wood. Her research flows from steep headwater mountain rivers to large, low gradient alluvial rivers. She is enthusiastic about how we can communicate evolving knowledge of river corridor dynamics into river management through collaboration with communities and resource managers.

Additional resources:

<https://scholar.google.com/citations?user=96RQGCwAAAAJ&hl=en&oi=sra>

https://www.researchgate.net/profile/Anna_Marshall10

Proudly co-presented by:



Pacific Salmon
Strategy Initiative

Initiative de la Stratégie
relative au saumon du Pacifique



LARGE WOOD APPLICATIONS IN RIVER RESTORATION

February 13, 2025 – Knowledge Exchange Workshop – Speaker Profiles

ALLISON LUTES

Chelan County (contractor) &
Principal, Streamline Environmental
Consultants



Allison has BC roots, growing up in the Vancouver region, and she was the former Habitat Program Manager with Chelan County Natural Resources Department. In her current role, she is Principal of Streamline Environmental Consultants and has a wide range of skills including riparian and wetland ecology environmental permitting within complex regulatory frameworks, and budget and project management for large scale habitat projects spanning multiple funders and multi-year timelines. She is currently working out of the charming and picturesque town of Kimberley in the Kootenays where she and her family call home.

Additional resources:

<https://storymaps.arcgis.com/stories/0944d3614a87415fb35881780130fcd4>

<https://streamline-env.ca/>

Proudly co-presented by:



Pacific Salmon
Strategy Initiative

Initiative de la Stratégie
relative au saumon du Pacifique



LARGE WOOD APPLICATIONS IN RIVER RESTORATION

February 13, 2025 – Knowledge Exchange Workshop – Speaker Profiles

REID CAMP

Science & Technical Coordinator
Snake River Salmon Recovery Board



Reid Camp is a fluvial geomorphologist specializing in watershed assessments, river restoration design, and effectiveness monitoring. He spent 15 years as a consultant, leading projects throughout the Pacific Northwest, and recently joined the Snake River Salmon Recovery Board as their Science and Technical Coordinator. Reid is President of River Restoration Northwest, a non-profit that brings restoration practitioners together to share knowledge and experience, and together with his wife, Meghan, Reid lives in Moscow, Idaho, with their two rabbits, Banjo and Chloe, and their beloved dog, River.

Additional resources:

<https://research.fs.usda.gov/treesearch/58034>

<https://www.researchgate.net/profile/Reid-Camp>

Proudly co-presented by:



Pacific Salmon
Strategy Initiative

Initiative de la Stratégie
relative au saumon du Pacifique



LARGE WOOD APPLICATIONS IN RIVER RESTORATION

February 13, 2025 – Knowledge Exchange Workshop – Speaker Profiles

DEREK MARKS

Timber Fish & Wildlife Manager
Tulalip Tribes



Derek Marks is the Timber Fish & Wildlife Manager for Tulalip Tribes in western Washington. Derek has lived in western Washington most of his life and has worked for worked for Native American tribes for the past 21 years after graduating with a Masters degree from Texas Tech University. He has worked for Tulalip Tribes for over 17 years. In his spare time, Derek is a self-proclaimed serial hobbyist who enjoys hunting, fishing and gardening, and growing pineapples and bananas in the office, collecting and displaying rocks at his desk, and spending time with his family.

Additional resources:

<https://nr.tulaliptribes.com/Programs/TimberFishAndWildlife>

Proudly co-presented by:



Pacific Salmon
Strategy Initiative

Initiative de la Stratégie
relative au saumon du Pacifique

