

2024 Upper Columbia Science Conference Agenda (copied from website)

Wednesday January 24th

7:30 – 8:30 am Registration and Welcome Social

8:30 – 8:45 am UCSRB Welcome

Species Survival and Life History

8:45 - 9:15 am - Status of ESA-listed salmon and steelhead in the Upper Columbia, seen from a coastwide perspective- Mike Ford NOAA NW Fisheries Science Center

9:15 - 9:30 am - Population level considerations of spring Chinook life history diversity - Mark Sorel, WDFW

9:30 - 9:45 am - Prespawn Mortality in Upper Columbia Spring Chinook Across a Habitat Gradient - Kevin See, WDFW

9:45 - 10:00 am - Environmental factors influencing Chinook salmon egg-to-fry survival in four Columbia River tributaries - Christopher Johnson, WDFW

10:00 - 10:15 am - Describing successful juvenile Spring Chinook life histories in the Wenatchee and Entiat Rivers; emphasis on migration pathways, non-natal habitat use, and growth - Lance Campbell, WDFW

10:00 - 10:30 am - Session Q&A

10:30 – 11:00 am – BREAK

11:00 - 11:15 pm - An Integrated Population Model of Wenatchee River Steelhead - Jason Neuswanger, WDFW

11:15 - 11:30 pm - Evaluation of the reproductive success and fitness covariates of hatchery, wild, and reconditioned-kelt steelhead in the Twisp River - Ben Goodman, WDFW

11:30 - 11:45 pm - Migration Estimates of Hatchery Summer Steelhead May Lead to Early Discrimination of Outmigrants - Wesley Tibits, Confederated Tribe of Colville Reservation

11:45 - 12:00 pm - Session Q&A

12:00 – 1:00 pm – LUNCH

Human Dimensions

1:00 - 1:30 pm - Place of Salmon? Highlighting the relationships among salmon, people, and place in Washington and the potential for social science contributions to salmon restoration - David Trimbach, WDFW

Species Survival and Life History

1:30 - 1:45 pm - Life History Characteristics of Bull Trout in the Wenatchee Basin - Josh Williams, WDFW

1:45 - 2:00 pm - Assessment of Potential Bull Trout Extirpation in the Nason Creek Watershed - Jose Vazquez, USFWS

2:00 - 2:15 pm - Trials and Tribulations: 25+ years of coho salmon reintroduction - Jeff Caisman, Yakama Nation

2:15 - 2:30 pm - Factors Facilitating the Recovery of Okanagan Sockeye - Tom Kahler, Public Utility District No. 1 of Douglas County

2:30 - 2:45 pm - Restoration of native fish populations to their historic habitat throughout the upper Columbia - DR Michel, Upper Columbia United Tribes

2:45 - 3:00 pm - Session Q&A

3:00 – 3:30 pm – BREAK & POSTER SESSION

3:30 - 4:00 pm - Variability in ocean conditions affects survival of Upper Columbia Pacific salmon and steelhead - Marisa Litz, WDFW

4:00 - 4:15 pm - 10-Year Confirmation Survival Studies Conducted at Rock Island and Rocky Reach Dams under the HCP's - Lance Keller, Chelan PUD

4:15 - 4:30 pm - An intergraded model of juvenile Chinook Salmon Survival - Brandon Chasco, WDFW

4:30 - 4:45 pm - Large-scale interactions and patterns of salmon and steelhead, Todd Pearsons, Grant PUD

4:45 - 5:00 pm - Session Q&A

5:30 – 9:00 pm – EVENING SOCIAL – PYBUS EVENT CENTER

Thursday January 25th

8:00 – 8:30 am Registration and Morning Social

8:30 - 9:00 am - Reaching Beyond the Reach - Using a stepping-stone approach to restore connectivity - Janine Castro, US Fish and Wildlife Service

Understanding Habitat Use

9:00 - 9:30 am - How can we approach stream restoration that supports diversity for ecosystems, species, and life stages? - Rebecca Flitcroft, USDA Forest Service, PNW Research Station, Corvallis, Oregon

9:30 - 9:45 am - Salmonid Habitat Utilization and Restoration: Insights from a Multi-Scale Study - Virginia White, Hinchinbrook Inc.

9:45 - 10:00 am - A Matter of Scales: Assessing Juvenile Salmonid Responses to Floodplain Restoration - Stine Griep, Hinchinbrook, Inc.

10:00 - 10:15 am - Beyond Salmon: Lamprey Use of Salmonid-Focused Habitat Restoration Projects, John Crandall, Methow Salmon Recovery Foundation

10:15 - 10:30 am - Q&A Session

10:30 – 11:00 am – BREAK

Restoration and Recovery

11:00 - 11:30 am - Large-scale status assessments of at-risk species and efforts to recovery them - Mark Scheuerell, USGS & Univ. of Washington

11:30 - 12:00 am - Management Implications from Results of Intensively Monitored Watersheds - Bob Bilby, SRFB Science Advisory Panel

12:00 - 12:15 pm - Building Habitat Assessment and Restoration Planning (HARP) Models for the Wenatchee, Entiat, and Methow River Basins - Arianna Goodman, Saltwater Inc.

12:15 - 12:30 pm - Session Q&A

12:30 – 1:30 pm – LUNCH

River Process and Restoration

1:30 - 2:00 pm - Salmon Foodscapes: Reconnecting Salmon with the productive capacity of their watersheds - Ryan Bellmore, USFS PNW Research Station

2:00 - 2:15 pm - Process-Based Riparian Restoration- Rethinking How we Approach Riparian Projects and Their Success - Greer Maier, Governor's Salmon Recovery Office

2:15 - 2:45 pm - Lessons learned from decadal-scale evaluations of river restoration projects - Derek Booth, Stillwater Sciences & Univ. of California

2:45 - 3:00 pm -Evaluating the success of large-floodplain restoration projects using remote sensing: Results of the Salmon Recovery Funding Board pilot study -Phil Roni, Cramer Fish Sciences

3:00 - 3:15 pm - Session Q&A

3:15 – 3:30 pm – SHORT BREAK

3:30 - 3:45 pm - Wildfire and River Restoration: Case Studies from the Methow River Watershed - Tim Hanrahan, Rio Applied Science and Engineering

3:45 - 4:00 pm - Using Helicopters for Large Scale Restoration on the Twisp River - Jarred Johnson, Yakama Nation

4:00 - 4:15 pm - Wood abundance in the Methow and Okanogan subbasins: Implications for the scale of restoration actions - Ryan Klett, Confederated Tribes of the Colville Reservation

4:15 - 4:30 pm - Session Q&A

4:30 pm – UCSRB Close-Out