

Agenda

2025 Columbia River Estuary Conference (Part 1):
Echoes of the Estuary: Reflections for a Resilient Future

Tuesday May 13, 2025

8:00 AM	Registration Begins
8:45 AM	Invocation and Welcoming Remarks <i>Michael Karnosh, Confederated Tribes of Grand Ronde</i>
9:00 AM	Welcome and Overview of the Day <i>Catherine Corbett, Steering Committee Chair</i>
9:10 AM	Becoming the Voice of the River: How to Speak Passionately about Restoration Science <i>Janine Castro, Technical Director, River Restoration Professional Certificate Program, PSU Environmental Professional Program</i>
10:10 AM	Question and Answer Period
10:20 AM	Break
<i>Session Moderator – Charles Seaton, Columbia River Inter-Tribal Fish Commission</i>	
10:40 AM	Restoring Relationships: Human Dimensions and Climate Resilience Considerations for Managing Pacific Lamprey in the Columbia River <i>Mike Buck</i>
11:00 AM	Supporting Diverse Pacific NW Marine Data Access Needs via the NANOOS Visualization System <i>Rachel Wold, Jan Newton, Roxanne Carini, Nicholas Rome, Troy Tanner, Jonathan Allan, Charles Seaton, and Michael Kosro</i>
11:20 AM	Seasonal and Interannual Temperature Variability along the Columbia River Estuary <i>Eliza Lerman, Melanie Fewings, and James Lerczak</i>
11:40 AM	A Novel Method for Columbia River Estuary Environmental Measurements – Bathymetry, Temperature, and Surface Currents from Tagged Cormorants <i>Jim Lerczak, Adam Peck-Richardson, Jessica Garwood, Xiaohui Liu, Leilane Passos, Rachael Orben, Alexa Piggott, and Greg Wilson</i>

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12:00 PM | **Lunch**

Session Moderator – Jason Smith, Columbia River Estuary Study Taskforce

1:20 PM | **The Wisdom of the Aged: Learning from Older Restoration Projects to Inform Future Design - Part 1**
Ian Sinks, Matt Cox, and Amy Borde

1:40 PM | **The Wisdom of the Aged: Learning from Older Restoration Projects to Inform Future Design - Part 2**
Matt Cox, Ian Sinks, and Amy Borde

2:00 PM | **Lightning - Identifying High Priority Barriers to Salmon: Lower Columbia Fish Passage Inventory and Barrier Correction Decision-Support Tool**
Keith Marcoe and Amelia Johnson

2:10 PM | **Examining the Benefits of full Floodplain Restoration (Stage 0 target condition) for Juvenile Salmonid Recovery – a Case Study in the Gibbons Creek Watershed and the Lower Columbia River Estuary**
Liz Hamilton, Alex Morton, Curtis Loeb, Chris Collins, and Doug Kruezer

2:30 PM | Question and Answer Period

2:35 PM | **Break**

Session Moderator – Amy Borde, Columbia Land Trust

3:00 PM | **Assessing Wetland Resilience in the Lower Columbia River Estuary**
Maggie McKeon, Heida Diefenderfer, Amy Borde, Shon Zimmerman, Jason Karnezis, Alex McManus, Rod Moritz, and Rachel Stolt

3:20 PM | **Keeping Invasives at Bay - Youngs Bay Aquatic Invasive Plants Project Ownership**
Narayan Elasmr, Carla Cole, and Graham Klag

3:40 PM | **Lightning - Tracking Soil Dynamics to Understand Plant Community Development in Restored Tidal Wetlands**
Derek Marquis, Ian Edgar, Sneha Rao Manohar, Sarah Kidd, Ona Underwood, and Katarina Lunde

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3:50 PM	Lightning - Bioenergetic responses of subyearling Chinook salmon in the Lower Columbia River and Estuary <i>Kerry Accola, Jeffery Grote, Jason Toft, Joseph Needoba, Curtis Roegner, Tawnya Peterson, and Catherine Corbett</i>
4:00 PM	Lightning - The Utility of Tableau for Data Sharing and Analysis <i>Ian Edgar, Derek Marquis, Ona Underwood, and Katarina Lunde</i>
4:10 PM	Lightning - Launching the CEERP Website: Information Access for Science and Practice <i>Cailene Gunn, Alex McManus, Shon Zimmerman, Heida Diefenderfer, Mark Bierman, Jason Karnezis, Chanda Littles, and Allan Whiting</i>
4:20 PM	Question and Answer Period
4:30 PM	Interview with the Infamous: Special Panel Session Guest Stars: Janine Castro, Dan Bottom, and Rod Moritz
5:20 PM	Adjourn
5:30 – 8:30 PM	Poster Session/ Evening Social

Poster Presentations

Tidal Swamp Restoration: Progress and Lessons Learned in Oregon and Washington

Jason Nuckols and Joan Drinkwin

Improving access to ocean and coastal data: How the Northwest Association of Networked Ocean Observing Systems serves the Pacific Northwest

Rachel Wold, Jan Newton, Roxanne Carini, Nicholas Rome, Troy Tanner, Jonathan Allan, Charles Seaton, and Michael Kosro

Looking Just Upstream: The Palensky Wildlife Underpass

Jason Smith and Jay Horita

Tidal restoration through barrier removal from East to West

Mackenzie Butler

New continuous ocean acidification monitoring in the lower Columbia River estuary

Mary R. Gradovile, Sarah Riseman, Charles Seaton, Andrés E. Salazar Estrada, Daniel Feldman, and Burke Hales

Assessment of Present Sea Level Trends Affecting US Coasts and Resilience of LCR Wetland Habitats

Hans R. Moritz, Rachel Stolt, Julia Keiter, Heidi Moritz, Sarah Chan, Mark Bierman, and Chanda Littles

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