40th Annual Salmonid Restoration Conference
April 25-28, 2023 Fortuna, CA

Deep Roots
—Celebrating 40 Years of Watershed Restoration

Conference Co-Sponsors
Thursday April 27

Plenary Session
River Lodge, 9am—noon

Master of Ceremonies
Michael Belchik, Yurok Tribe

Natural History of the Klamath Mountains: How Honesty, Accuracy, and Receptivity Guide us to Better Stewardship of Definable Landscapes
Justin Garwood and Michael Kauffmann

The Water Remembers: A Calling to Follow Indigenous Knowledge and Law to Restore Ecosystem and Community Resiliency in the Klamath Basin
Amy Cordalis

Connecting the Omics: Genomics, Phenomics, and TEK are Keys in Restoring the Klamath Basin Post Dam Removal
Keith Parker

Why We Fish: Decolonizing Salmon Rhetorics & Governance for Climate Resilient Futures
Cutcha Rising Baldy

Booksing 12:30pm
Natural History of the Klamath Mountains

Poster Session 7-10pm

Afternoon

Evolving Policies and Tools to Advance Salmon Restoration: Flows, Cannabis, and Funding Opportunities
Session Coordinators: Kelly Souza, California Department of Fish and Wildlife, Matt Clifford, Trout Unlimited, and Monty Schmidt, The Nature Conservancy

Coho Room
1:30pm
Using Satellite Imagery to Assess Watershed Conditions and Anthropogenic Water Use, Redwood Creek, Kelly Souza, California Department of Fish and Wildlife

Modeling Streamflow Depletion from Cannabis Cultivation in California’s North Coast Salmon-Bearing Streams, Philip Georgakakos, UC Berkeley

Break 3:15-3:30pm


Water From Bedrock: Efforts to Condition New Groundwater Wells to Protect Streamflow for Salmon in Sonoma County, Monty Schmidt, The Nature Conservancy and Matt Clifford, Trout Unlimited

Granting Equity. The Future of CDFW’s Granting Programs, Timothy Chory, California Department of Fish and Wildlife

Planning and Evaluation of Dam Removal, Salmon Recovery, and Habitat Restoration
Session Coordinator: Mike Belchik, Yurok Tribe

Chinook Room

Overview of Regulatory Processes for Klamath River Dam Removals, Matt Robart, MS, Camas LLC

Lessons Learned from Flood Impacts to Habitat Improvement Efforts after Dam Removal: Process-based vs Form-based Restoration Efficacy, Matt Berry, Sierra Streams Institute

Los Padres Alternatives Study: Feasible Alternatives for Maintaining or Removing Los Padres Dam and Implications for Steelhead in the Carmel River Watershed, Jonathan Strand, AECOM

With Film Screening of The Lost Salmon
with filmmaker Shane Anderson

Friday April 28

6:30pm to Midnight SRF Banquet & Awards Ceremony River Lodge Ballroom

Live Music by Canary and the Vamp
April 28 Friday Afternoon Concurrent Sessions

**Room 1:30pm**

**CCC Room**
- Solving the Puzzle to Accelerate Restoration—Statewide Process on Efficient Permitting, Erik Lopez, Sustainable Conservation
- Permitting Efficiencies for Restoration Projects Through NOAA Restoration Center, Ruth Goodfield, NOAA Restoration Center
- Aquatic Restoration Projects Made Easier in California Thanks to New Statewide Programmatic Endangered Species Act Section 7 Consultation Available to Federal Agencies, Marcia Reed, U.S. Fish and Wildlife Service

**Cohoh Room**
- Focusing Trinity River Science — A Plan for Addressing Key Uncertainties, Darcy Pickard, Pickard Environmental
- From Rock Piles to Riparian: Recovering Riparian Function and Vegetation on the Trinity River, CA, John Bair, McBain Associates
- Evolution of Tributary Junctions and Their Capacity for Rearing Juvenile Chinook Salmon (Oncorhynchus tshawytscha) on a Regulated River, Todd Buxton, Bureau of Reclamation

**Steelhead Room**
- Redwoods Rising: Resetting the Standard of Parks Management, Andrea Morin, National Park Service
- Incorporating Invasive Species Management into Riparian Restoration Design and Implementation at the Redwood National and State Parks Visitor Center and Restoration Project, Amy Livingston, McBain Associates
- Evaluating the Effects of Riparian Forest Thinning on Stream Ecosystems in Coastal Northern California Watersheds, Davon Roat, Post-do, OSU

**Chinook Room**
- Klamath Reservoir Reach Restoration Plan: Assessing Habitat Conditions and Prioritizing Restoration Post-Dam Removal, Bob Paignton, NOAA Restoration Center
- Forest and Mountain Meadow Resiliency, Fisheries Restoration and River Recovery Actions on Working Lands in the Scott River, Charisma Gilmore, Scott River Watershed Council
- Habitat Restoration on the Working Landscapes of the Smith River Plain, Marisa Parish Hanson and Monica Schuley, Smith River Alliance

**Break 3-3:15pm**

**Room 1:30pm**

- **Applying New Tools to Support Aquatic Habitat Restoration Projects, Jake Shannon and Jonathan A. Cormier, North Coast Regional Water Quality Control Board**
- **Cutting the Green Tape with the California Department of Fish and Wildlife, Brad Henderson, CDFW**
- **Constraints and Initial Solutions in Increasing the Pace and Scale of Riverscape Restoration: Summary from the 2023 NOAA Organized Riverscape Restoration Workshop, Brian Cher, NOAA Fisheries**

**Room 7-10pm**

- **Banquet, Awards Ceremony, and Dance at the River Lodge**
- **Poster Session and Reception at the River Lodge**
April 28 Friday Morning Concurrent Sessions

The Eel River: A River of Opportunity with Implications Beyond its Basin
Session Coordinator: Alicia Hamann, Friends of the Eel River

Approaches to Build Trust and Engage Our Diverse Communities
Session Coordinators: Mary Burke, Cal Trout; Natasha Arroyo, Humboldt County Board of Supervisors; and Leslie Wolff, NOAA Fisheries

Cal-PBR Network: Process Based Restoration in a Changing Climate
Session Coordinators: Carrie Monohan, Ph.D., The Sierra Fund; Karen Pope, Ph.D., Pacific Southwest Research Station USDA; Kate Landquist, Occidental Arts and Ecology Center

Please May I Get Upstream?
Reintroducing Extirpated Salmon Runs Upstream of Dams
Session Coordinators: Eric Johnston, Eel and Randy Backwith, CA Department of Water Resources

Erosion and Sediment Control Field School
June 6-8, 2023 in Mendocino
Salmonid Restoration Federation is hosting an Erosion and Sediment Control Field School. This technical field course is part of our Northern California Best Management Practices Education Series funded by the CDFW’s Fisheries Restoration Grant Program. SRF is partnering with Pacific Watershed Associates and the Redwood Forest Foundation Inc. to produce this technical event.

Chinook Room
Yes You May: Fighting Extinction in the Central Valley with Salmon Reintroductions, Brian Elliott, NOAA Fisheries, West Coast Region, California Central Valley Office
Winnebem Wintu Tribe Perspectives on Co-Stewardship of the McCloud River Nar, Honorable Chief Skik-Framo, Winnebem Wintu Tribe and Melanie Chung, Neurobiologist, NZ
Considerations for Assisted and Non-Assisted Passage at Large Dams, Jon Mann, PE, CDFW
Pilot Efforts Supporting Reintroduction: The Juvenile Salmonid Collection System, Randy Backwith, DWR & Matthew Silva, ESA

Steelhead Room
Bedrock Principles for Successful Restoration Partnerships, Stephen Greenwood, Portland State University
Centering Environmental Justice: Examples from the North Coast, Natasha Arroyo, Humboldt County Board of Supervisors
The Intergenerational Struggle of Being a River-based Community in Modern Day America, Danielle Franek, Hoopa tribal member; Save California Salmon

Beaver Dam Analogues—Summary of Five Years of Monitoring in the Scott River, Erich Yookel, Scott River Watershed Council
Looking Forward, Not Back to Inform Restoration Design in a Rapidly Changing Climate, Craig Benson, Cal Poly Humboldt
Beaver Restoration Policy Updates, Kate Landquist, OAEC

Chinook Room
Winter-Run Chinook Salmon Swim the McCloud River for First Time Since Construction of Shasta Dam: Drought Action Returns Endangered Salmon to Their Historical Habitat, Matthew R. Johnson, NOAA Fisheries, Brian Ellrott, UC Davis
A Release Study Assessing the Survival of Juvenile Spring-Run Chinook Salmon in the Upper Klamath River Basin to Inform Reintroduction, Rachelle Tallman, UC Davis
Klamath Basin Fisheries Collaborative: Data Integration for Monitoring Dam Removal, Project Effectiveness Monitoring, and Species Management, Berry Stoughton, Scott River Watershed Council