

8:00	Registration Opens	
9:00	Plenary Speaker - Felicia Marcus River Restoration and Protection: Is the Glass Half-Full or is it Half-Empty? Can we rise to the occasion?	
Room	Murrumbidgee	Zambezi
10:00	Morning Break	
	Special Session 9 Floodplains Forward: Aligning the Ecologies & Economies of Large River Valleys	Special Session 8 Science for a Changing Klamath River Following the World's Largest Dam Removal
10:30	Jacob Katz Floodplain Forward: Aligning Ecological and Economic Outcomes	Michael Belchik Klamath Dam Removal; the World's Largest Fisheries Restoration Project Becomes Reality
10:50	Sean Baumgarten A Preliminary Map of Historical Landscape Patterns in the Sacramento Valley	Liam Schenk Sediment transport under changing supply conditions during reservoir drawdown and removal of four large Klamath River dams
11:10	William Kleindl A Rapid Tool for the Assessment of Floodplain Wetland Service for States and Tribes to Meet Compensatory Mitigation Needs	Jennifer Curtis Using diatom taxa to discriminate reservoir sediments in the downstream river and estuary following dam removals on the Klamath River, CA
11:30	Luke Olson Effective Communication Strategies during the Construction and Operations of the Big Notch at the Fremont Weir	Sandra Bond Preliminary assessment of the effectiveness of side scan sonar in mapping changes in streambed texture following dam removals on the Klamath River, CA
11:50	Emily Mensch (S) Reconciling biodiversity, ecosystem services, and climate mitigation in California rice fields	Daniel Chase Restoration at Scale: Ecological renewal and reconnection with the Klamath River Renewal Project
12:10	William Kleindl Management and Externalities within the Socioecological System of Dynamic Floodplains: Insights from Portfolio Theory	Francisco Bellido Leiva Using strontium isotopes to understand the effects of Klamath dam removal on the early life history of juvenile Chinook salmon

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9:00			9:00
Room	Tagliamento	Yukon	Room
10:00	Morning Break		10:00
	Special Session 10 Nature Based Solutions in River Restoration	Contributed Session Water Quality I	
10:30	Rocko Brown Natural processes and river restoration: revisiting when rivers can heal themselves and when intervention is needed	Eric Stein Regional Temperature-Response Relationships Help Inform Urban River Management in a Changing Climate	10:30
10:50	Christian Wolter Vertical Wetlands as ecological stepping stones for urban waterways	Taylor Evinger (S) Geochemical Evaluation of Rusting Rivers in Arctic Alaska	10:50
11:10	Bobbi Flores Riparian Planting and Natural Recruitment: Let Nature do the Work	Virginia Krause (S) Riparian Methylmercury Production Increases Riverine Mercury Flux and Food Web Concentrations	11:10
11:30	Shayla Triantafillou (S) Relating in-channel wood characteristics to pool-riffle morphology	Emma Walker The influence of hydroclimatic and water quality variability on benthic macroinvertebrate communities in mid-elevation Sierra Nevada streams; A case study from the Deer Creek Watershed	11:30
11:50	Wim Bovill Supply and Retention of Coarse Carbon in Rivers with Different Land-use Legacies: Landscape Context Informs Management Objectives, Methods and Outcomes	Sibo Zhang Coupled hydrological-biogeochemical shifts shape N ₂ O emission patterns along a river-estuary continuum	11:50
12:10	Aleah Hahn (S) From Flume to Field: Modeling Equivalent Roughness of Channel-Spanning Log Jams Using Head Loss and Porosity	Pan Yang A Novel Framework for Retrieving Total Nitrogen Concentrations in Large Basin Scales Using Multi-Source Data and Novelty Detection Method, a Case Study in Pearl River Basin, China	12:10

12:30	ISRS Business Lunch - all welcome			12:30
	Special Session 3 Restoring & Revitalizing Large Alluvial Rivers & Their Floodplains to Support Biodiversity & Multiple Goals	Special Session 8 Science for a Changing Klamath River Following the World's Largest Dam Removal		
13:50	Twan Stoffers A European-wide efficacy assessment of river restoration for fish	Summer Burdick Linking Flow Dynamics and Fish Movement: Implications for Chinook Salmon Survival in the Klamath Basin		
14:10	Kirsten Ondris (S) Informing Floodplain Restoration through a Nationwide Assessment of High-Magnitude Streamflows	Russell Perry Klamath River Chinook salmon juvenile outmigration survival modeling with time-varying environmental covariates		
14:30	Rocko Brown Relative sediment supply and excess shear stress drives the evolution of restored side channels in a regulated river	Alison O'Dowd Benthic macroinvertebrate responses to Klamath Dam removal: an examination of salmonid food resources downstream of Iron Gate Dam		
14:50	Martin Thoms Redundancy or progress? Resilience thinking and riverine landscapes	Brandi Goss (S) Understanding changes in salmonid trophic pathways and aquatic food webs during dam removal with stable isotope analysis		
15:10	Afternoon Break			
	Special Session 3 Restoring & Revitalizing Large Alluvial Rivers & Their Floodplains to Support Biodiversity & Multiple Goals	Special Session 4 Data to Decision: Who Governs Ecological Monitoring of the River Commons?		
15:40	Sydney Stark Managing the managed: A case study on the utilization of a flood protection bypass habitat for the benefit of ecosystem and society	Julian Olden Safeguarding America's rivers: the urgent need for expanded protections		
16:00	Chris Hammersmark A Golden Multi-Benefit Opportunity – Habitat Enhancement, Flood Risk Reduction & Local Jobs – The Hallwood Floodplain & Side Channel Restoration Project	Alison Whipple Tracing the Development Path of a Regional Monitoring Program for the Russian River Watershed of California		
16:20	Weilun Gao Effects of Floodplain Connecting Channels on the Morphodynamics of Channel Networks	Alexander Fremier The Volunteer Stewardship Program: a emergent collaborative approach to monitoring ecosystems in agricultural lands of Washington State USA		
16:40	Shruti Khanna Monitoring Yolo Bypass flooding using Sentinel 1 and 2 satellite imagery and calculating metrics of floodplain inundation	Amanda Stahl Links between governance and riparian restoration to improve water quality in the Nooksack River watershed, Washington State USA – British Columbia, Canada		
17:00	Transition to Poster Session			

12:30	ISRS Business Lunch - all welcome			12:30
	Special Session 10 Nature Based Solutions in River Restoration	Special Session 2 Groundwater-Surface Water Interactions in Riverine Landscape Across Multiple Scales		
13:50	Chloe Faehndrich (S) Beaver Restoration as a Nature-Based Solution for Sustaining Sierra Nevada Streamflows During Drought	Dylan O'Ryan (S) From zero flow to a hundred CFS: Radon & other isotopic tracers explain groundwater-surface water interactions in a mountainous catchment		13:50
14:10	Caroline Gengo Hydrogeomorphic predictors of beaver dam density and implications for beaver-based restoration	Amber Lukk Exploring the hydrologic variation of large volcanic spring-fed river systems in Northern California		14:10
14:30	McKenzie Ginther (S) Mimicking Nature: a comparison of seasonal hydraulic habitat in pools created by BDAs, beaver dams, and scour pools	Nicholas Corline Variation in groundwater-surface water interactions promotes fish life-history diversity		14:30
14:50	Harrison Morrow Relative effects of beaver dam analogs on the growth and density of stream rearing salmonids	Tyelyn Brigino (S) How Far is Too Far? Varying Roles of Groundwater Source Temperature Modulation in Salmon-Bearing Streams		14:50
15:10	Afternoon Break			15:10
	Special Session 10 Nature Based Solutions in River Restoration	Special Session 2 Groundwater-Surface Water Interactions in Riverine Landscape Across Multiple Scales		
15:40	Tyson Hallbert Does instream restoration promote diversity of foraging tactics used by juvenile coho salmon?	Ben Kerr Towards real-time evaluation and communication of streamflow depletion impacts associated with groundwater withdrawals		15:40
16:00	Jacob Katz Sharing Butte Creek	Edgar Guerron-Orejuela Planning with Purpose: Decision-Support Tools for Managing Groundwater Contributions to Salmon Streams & Communities		16:00
16:20	Michael Blazewicz Planning the Fluvial Future: The Many Benefits of Fluvial Corridor Mapping	Claire Ruffing Mapping Opportunities to Implement Nature-Based Solutions for Aquifer Recharge in the Western US		16:20
16:40	Will Varela (S) What have we learned from 100 years of restoring rivers?	Nicholas Murphy Addressing streamflow depletion due to groundwater pumping - unified modeling approaches and process uncertainty		16:40
17:00	Transition to Poster Session			17:00

Poster Session	Poster Session	Poster Session	Poster Session
Wim Bovill	Paloma Herrera-Thomas	Belize Lane	Amenah Siddiqui (S)
Building a toolkit to manage water for the environment; a case-study from the Goulburn River, Australia	The significant impacts of Tribal Ecological Knowledge on fisheries technology.	Have our lake and eat it too: Developing functional flows for Utah's Great Salt Lake Basin	Fire Regimes in the Idaho Salmon River Watershed Across Time and Ecoregions
Jacob Braun (S)	Ben Kerr	Chloe Moore	Tulio Soto Parra
Optimizing Reservoir Release Decisions for a Simulated Environmentally Significant Floodplain	Streamlining the technical evaluation of flow enhancement projects proposed under the North Coast Instream Flow Policy using web-based analytical tools	Long-term change in zooplankton phenology: implications for anadromous fish recruitment in the Hudson River estuary	RekaScan: A Multimodal Machine Learning Framework for Automated River Feature Mapping from Ultra-High-Resolution Drone Imagery
Yu Cai	John Keyantash	Jennifer Natali (S)	Vicente Tinoco Ochoa (S)
Economic Analysis of Just Land Use Transitions in the California's Sacramento San Joaquin Delta	Evaluation of student learning from a stream-based field lesson	Avulsions, Channel Evolution and Groundwater Recovery in Restored Montane Meadows of California's Sierra Nevada	SED: Sediment Trapping Estimation Behind Dams
Owen Cancroft (S)	Arthur Koehl (S)	Mollie Ogaz	James Vonesh
Modeling the Impact of Friant Dam Releases on San Joaquin River Temperatures: Implications for Chinook Salmon	Valley Floor Delineation in Digital Elevation Models: Comparative analysis of methodologies applied to the SF Bay Area	Monitoring dissolved oxygen in the Lower American River to inform real-time reservoir operations to support successful Chinook Salmon spawning	Expedición Río Usumacinta: An Interdisciplinary Approach to Understanding a Threatened Landscape
Cora Cliburn (S)	Sanjay Kumar, presented by Rawi Abdullah (S)	Vinay Pandey, presented by Pakzadeh Behrooz (S)	Amanda Wik (S)
Water on the Margins: Water Hauling and Climate Resilience in Northern New Mexico	Smart application of artificial intelligence & machine learning for water, community, & crisis management during mass gathering events in Ganges River	Estimating Actual Evapotranspiration (Eta) Estimation for Major Crops of Mahanadi River Canal Command Using CROPWAT 8.0 Model	Thermal regime diversity in the Klamath Basin post dam-removal
Matteo Dal Santo (S)	Ken Lindke	Enrico Pandrin	Lynette Williams Duman (S)
Hydropower diversions in mountain streams: ecohydraulics alterations and sediment connectivity in a relicensing perspective	Leveraging river and reservoir forecasting tools to implement Environmental Flow releases on the Trinity River, CA.	Storage Hydropower in Alpine Catchment: exploring environmental strategies for heavily modified residual flow and hydropeaked reaches	Waterbird Community Assemblages and Behavioral Ecology in Managed Wetlands and Tidal Restorations in Suisun Marsh, CA
Abigale Deen (S)	Christian Long (S)	Noelle Patterson	Ethan Xie (S)
The Influence of Wastewater Effluent on Water Quality in Suisun Marsh, San Francisco Estuary, CA	Environmental Changes Structure Fish Communities in Marsh Creek	Identifying river channel features using high resolution topography	Finding the Right Flows: How Hydropower Facilities Alter Streamflows in Watersheds Throughout California
Kimberly Evans (S)	Kiera McNeely	Brett Poulin	
Fish as Indicators of Change: Long Term Community Dynamics in the Suisun Marsh	Emigrating Salmon Habitat Estimator: An Interactive Tool to Predict Chinook Salmon Rearing Habitat Needs through Space and Time in the Lower American River	The UC Davis Arboretum - Experiential Learning on Water Quality and Restoration	
Jaya Hanning (S)	Pete Moniz	Daniel Rothberg (S)	
Does beaver dam analog restoration alter prey availability for stream-dwelling salmonids?	Informing habitat management for an endangered salmonid: spawning conditions and hydraulic suitability for winter-run Chinook Salmon in the Sacramento River	A Historical Perspective on Streamflow Capture in the Great Basin	
19:30 Day 2 Close	19:30 Day 2 Close	19:30 Day 2 Close	19:30