

Thursday, 9 October 2025		Day 4
8:00	Registration Opens	
9:00	Plenary Speaker - Brian Chaffin Social-ecological river restoration: converging currents of science, governance, and resilience thinking	
Room	Murrumbidgee	Zambezi
10:00	Morning Break 	
	Special Session 1 Advances in Floodplain Science & Implications for Riverscape Resilience	Special Session 5 Revitalizing Community & Landscape by connecting rivers, people, & science through field experiences
10:30	Marcin Słowik Factors controlling the formation of the Congaree River floodplain (South Carolina, USA): implications for floodplain restoration	Ian Fuller Living with living rivers
10:50	Nicole Kwan Expanding Side Channel Habitat and Floodplain Connectivity in the Lower Feather River Corridor	Madeline Grupper (S) Community Priorities for Climate Change Adaptation in Freshwater Systems
11:10	Nicholas Pinter Managed Retreat in the Context of Flood Mitigation, Floodplain Connectivity, and Climate Change	Jeff Opperman Rivers of Food: rivers support one-third of global food production through their water, nutrients, sediment and habitat
11:30	Anna Marshall Headwater Biophysical Response to Extreme Precipitation Events: A Case Study from Hurricane Helene & the Southern Appalachians, USA	Sudeep Chandra Wonders of the Mekong: A Foundation for Sustainable Development and Resilience
11:50	Mathias Kondolf Restoring lateral connectivity to secondary channels of a large floodplain river	Sapana Lohani Development Dreams & Riparian Realities in Nepal: Assessing community attitudes to environmental change in a hydropower nation
12:10	Nicholas Christensen (S) Improved flood-routing schemes for flash floods in mountainous streams to better represent floodplain processes	Patton Burchett Religion and River Conservation in Nepal: Attitudes toward Environmental Change at Sacred Hindu Riparian Sites
12:30	Lunch 	
	Special Session 1 Advances in Floodplain Science & Implications for Riverscape Resilience	Special Session 5 Revitalizing Community & Landscape by connecting rivers, people, & science through field experiences
13:50	Ryan Morrison Beaver Dam Loss Decreases Floodplain Connectivity in Colorado Headwater Streams	Chelsie Romulo A collaborative, interdisciplinary, multi-course approach to river water quality monitoring
14:10	Catherine McClure Implications of flow management on biogeomorphic feedbacks on the Green and Yampa Rivers	Kira Zalis Waldman (S) All Forward: Watershed Education on the Tuolumne River, A Decade After the Rim Fire
14:30	Mariah Papac (S) Effects of Inundation Dynamics on Carbon Storage in Montane Headwater River Floodplains	Jack Severson Place Based Paddling: Experiential Learning for a Secure Water Future
14:50	Taylor Johaneman (S) The influence of surface age on floodplain sediment organic carbon pools	Andy Rost The River Field Studies Network: connecting rivers, people, and science through immersive field education
15:10	Eileen Shader The State of America's Floodplains: Making the case for functional floodplains as a vital national resource	
15:40	Afternoon Break 	

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8:00		
9:00		
Room	Tagliamento	Yukon
10:00	Morning Break 	
	Contributed Session Water Quality II	Contributed Session Disturbance & River Dynamics
10:30	Andrea Garcia Jimenez (S) Spatial Distribution of Anatoxins in Benthic Mats Across a Northern California River Network	Madeline Hannappel How does drought alter the synthesis and cross-ecosystem transfer of long-chain polyunsaturated fatty acids (LC-PUFA) from riverine to adjacent terrestrial ecosystems?
10:50	Zhihao Xu Reservoir operation optimization accounting for socioeconomic, water quality and methane emission mitigation targets	Jonathan Walter Regional and local synchrony of aquatic heatwaves in Western USA rivers
11:10	Clifford Adamchak Hydrological controls on mercury storage in a beaver-dominated reach: A comparative study of surface, porewater, & groundwater dynamics	Juli Scamardo Drivers of wood loads and temporary storage in headwater streams following catastrophic blowdown
11:30	Lyndsay Rankin Tidal marsh restoration in the Sacramento-San Joaquin River Delta	Anna Serra-Llobet How do we know if a project is a multibenefit project? Evaluating the effectiveness of the IUCN Global Standard
11:50	Zhang Yi (S) Carbon Dioxide Emission Prediction for Large Reservoirs in China	Steven Griffin (S) Precipitation Intensities Triggering Post-Wildfire Flows Across Five Burn Scars
12:10	Pramod Pandey Predicting in-stream microbial contamination using hydrological model	Scott Wright Hydrogeomorphic Study of the Scott River Watershed, northern California, USA
12:30	Lunch 	
	Special Session 7 Advancing Environmental Flow Management: Holistic Approaches for Sustaining Aquatic Ecosystems	Special Session 12 Advances in Bar-built Estuary Research: Physiochemical, Ecological & Management Perspectives
13:50	Sooyeon Yi Evaluating Environmental Flows in the Central Valley Under Various Management Scenarios	Rachel Clifford (S) Morphological Variability at Bar-Built Estuaries
14:10	Mark Gard Case studies on the use of lidar data for hydraulic modelling of upstream fish passage	Katherine Stonecypher Salmonid movement between a leveed, bar-built estuary and upstream habitat in old-growth redwood forest
14:30	Erin Tracy Diversification of green sturgeon movements in relation to river flow through the Sacramento-San Joaquin Delta	Emma Held (S) Two Fish Swim into a Bar: Using Otolith Microchemistry to Evaluate Salmonid Rearing Potential in the Mattole River Lagoon
14:50	David Ayers Towards a functional flows perspective for tidal wetland fishes	Elise Platzer Quantifying primary production exports from tidal wetlands in the San Francisco estuary
15:10	Megan Klaar Benefits for Wales- Reservoir reoperation to implement functional flows	Rosealea Bond (S) Acoustic telemetry reveals juvenile steelhead movement patterns in a central California bar-built estuary
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16:10	Hima Hassenruck-Gudipati Natural levee dynamics on a changing floodplain	Suzanne Walther The ripple effect of a community-based student project on the Reese River in the Shoshone Yomba Reservation, Nevada	16:10 Kris Taniguchi Quan Ecological risk assessment to inform regional instream flow management	16:10
16:30	Stefano Larsen Global export of biomass and contaminants from water to land by aquatic insects	Rachel Johnson Three years of joint learning in reuniting winter run Chinook salmon (nur) to their ancestral waters	16:30 Suzanne Rhoades Caps and Floors: Developing site-specific percent-of-flow diversion rates and flow thresholds for risk-informed, holistic environmental flow management	16:30
16:50	Martin Thoms The dynamic mosaic of floodplains	Rachael Ryan Reviving Dormant Salmon Life Histories Through Reintroduction to Spring-Fed Habitat & Tribal–Western Science Partnership	16:50 Kelly Goedde-Matthews An experimental approach to studying the effects of impaired hydrographs on stream habitats, food webs, & a juvenile salmonid	16:50
17:10			17:10 Juergen Geist Mitigating Effects of Hydropower Use in Large River Systems	17:10
17:30	Day 4 Sessions Close			17:30
19:00	 ISRS 7th Symposium Dinner & Closing Ceremony 			19:00
22:00	Day 4 Symposium Close			22:00
				17:30
(S) indicates presenter is a student and eligible for the ISRS Student Prizes				