

# **SRF CONFERENCE – April 26 & 27, 2023**

## **BIOGRAPHIES**

### **Wednesday, April 26**

#### **9:00 Welcome**

**Guy J. Gregory** is a hydrogeologist in Spokane. After an initial career in mineral exploration, he worked in senior technical leadership roles for the Washington Dept. of Ecology in Toxics Cleanup and Water Resources programs. Following retirement in 2018, he provides consulting services to clients as Gregory Geologic LLC. He is a longtime board member of the Spokane River Forum and several Spokane area chapters of fish-oriented clubs.

#### **9:00 Keynote**

##### **The Clean Water Act 50th Anniversary: National & Local Perspectives**

**Gayle Killam** has worked with non-profit organizations, landowners, tribal, local, state, and federal government staff, individuals, trade associations and the private sector over the years to improve implementation and functionality of water programs, policies and laws. Her work includes state and federal policy analysis, training, facilitation, testimony, and 1-on-1 consultation. Gayle has managed multi-year watershed-focused projects geared toward restoring historic hydrology, improving riparian habitat, and revitalizing and reconnecting urban communities to the waterways that flow through them.

Gayle was the editor and primary author of the second and third editions of River Network's "[The Clean Water Act Owner's Manual](#)." She created River Network's Clean Water Act program and online course and co-authored two field guides on pollution permits and TMDL water quality restoration plans. Prior to establishing her business, Gayle worked for River Network, Oregon Environmental Council, the Army Corps of Engineers Pacific District Office, Resources for the Future, and economic consulting firms in the Boston area. Gayle received her Master's degree in resource economics and policy from Duke University's Nicholas School of the Environment and Earth Sciences and her Bachelor's degree in economics from Yale University. She also received a certificate in Training, Facilitation and Consulting from Marlboro College.

### 9:35 am Panel

**Caj Matheson** is the Director of Natural Resources for the Coeur d'Alene Tribe and also is an enrolled member of the Tribe. He oversees the policy development and implementation over several programs including Fish & Wildlife, Forestry and Lands Management, Water Resources, Air Quality, Hazardous Waste Management, Cultural Resources, Recreational Programs, and Wildland Fires.

**Bruce Howard** is Sr. Director of Environmental Affairs at Avista. He works with partners in eastern Washington, Northern Idaho and Western Montana on a range of water quality, habitat, fisheries and related issues.

**Rick Romero** retired from the City of Spokane in 2019 after serving as the City's Utilities Director and the Director of Strategic Planning. He is currently volunteering his time to help coordinate the 50th anniversary of EXPO 74.

**BiJay Adams** is the General Manager for the Liberty Lake Sewer and Water District. BiJay is responsible for implementing the policies and objectives established by the Board of Commissioners and carrying out the District's Mission. As General Manager, BiJay has the overall management responsibility for all aspects of District operations.

**Jerry White, Jr.** joined the Spokane Riverkeeper in July of 2014. He directs programs that advocate for healthy river flows, healthy ecosystems and native fish as well as clean water. Jerry lives on the banks of the Spokane River with his wife, Karen and enjoys the river each day.

### 10:30 am Concurrent Session

#### Evaluating, Understanding & Improving Our Waters, The Spokane River Basin

**Annie Simpson** is currently the Eastern Washington Watershed Planner for the Washington State Department of Ecology. She has worked for the Water Quality Section at the Eastern Region Office for 4 ½ years and has held positions as the general permits manager and the municipal stormwater grant project manager for the eastern side of the state.

**Cathrene Glick** is a Senior Hydrogeologist and Unit Supervisor for the Department of Ecology's Environmental Assessment Program, Eastern Region Office supervising a technical group overseeing surface water monitoring programs and surface water / groundwater investigative studies for watershed health assessments throughout central and eastern Washington.

**Tanya Williams** is an environmental planner with the Washington Department of Ecology. Her role as the agency's 6PPD/q Planner and lead of the national Tire Anti-Degradant (6PPD) Team encourages collaboration across federal, tribal, state, and local governments to plan 6PPD research efforts and find solutions to the second most toxic aquatic chemical ever measured, 6PPD-quinone.

### **10:30 am Concurrent Session - Groundwater Supply Planning and Spokane Area Investigations of the SVRP Aquifer**

**Nate Sulya** is an experienced local government professional with master's in public administration. Currently, Nate is a Program Professional in the City of Spokane's Integrated Capital Management department.

#### **Gemma Dunn, GHD**

**Jeremy Jenkins** is the Environmental Manager for Liberty Lake Sewer and Water District where he administers lake management, water resource protection, water conservation and technology programs for the District. Jeremy also serves as the President of the Spokane Aquifer Joint Board since 2017. SAJB is a collective of 22 water purveyors focused on implementation of a comprehensive wellhead protection program, scientific aquifer studies, and education and outreach regarding regional water quality and quantity issues.

**Dan Kegley** has more than 30 years in the water industry in Eastern Washington, most of it spent with the City of Spokane. Throughout his career Dan has worn many hats from laborer to director of water and hydroelectric services, wastewater collections and stormwater bringing out of the box thinking at each step. Dan is a past president of the Idaho Washington Aquifer Collaborative, past chair of the Pacific Northwest Section of American Water Works Association (PNWS-AWWA), past president of the Inland Empire Subsection of the PNWS-AWWA, and a George Warren Fuller awardee.

**Anne Lynch** is a registered California Civil Engineer and serves as the US Technical Services General Manager for GHD. She is currently working with the City of Spokane to assist in the development of the Link Strategy for Water.

**Colin Naake** is a civil engineer with the City of Spokane, Integrated Capital Management Division. His work includes capital planning for the City of Spokane, project scoping, and funding management.

**John Porcello** is a principal groundwater hydrologist at GSI Water Solutions in Portland, who specializes in numerical modeling to support water supply planning and groundwater resource sustainability planning in the western U.S. He is the developer of the numerical groundwater flow model that is used by the City of Spokane and the Spokane Aquifer Joint Board for a variety of groundwater resource and wellfield planning needs, including the planning work that is the subject of this presentation.

### **10:30 am Concurrent Session - Supporting Recreational and Native Fisheries from Stateline to Long Lake Dam**

**Casey Flanagan** has been a Water and Fish Project Manager for over 12 years for the Spokane Tribe. Her main focus for the Tribe is conducting Redband Trout population assessments, water quality, stream habitat surveys and implementing stream habitat restoration projects.

**Charles Lee** is a fish biologist with the Washington Department of Fish and Wildlife in Spokane. He currently manages several projects that focus on native resident salmonid stock assessment and non-native invasive species suppression. His work experience, originally with the Spokane Tribe of Indians and currently with WDFW, has allowed him the opportunity to study fish populations in the Spokane River for over 20 years.

**Chris Moan** is a Fisheries Habitat Biologist for Avista. Chris implements fisheries and water quality related projects associated with Avista's Spokane River FERC License, including stocking fish into Lake Spokane and Idaho catchout ponds, and monitoring TDG and DO at Long Lake and Nine Mile Dams.

## 12:45 Plenary - Returning Salmon to the Spokane River

**Andy Dunau** is the Executive Director of the Spokane River Forum. He has over 30 years of experience as a communications specialist, facilitator, project and program manager, and non-profit management.

**Caj Matheson** is the Director of Natural Resources for the Coeur d'Alene Tribe and also is an enrolled member of the Tribe. He oversees the policy development and implementation over several programs including Fish & Wildlife, Forestry and Lands Management, Water Resources, Air Quality, Hazardous Waste Management, Cultural Resources, Recreational Programs, and Wildland Fires.

**Conor Giorgi** has degrees from Gonzaga and Eastern Washington Universities. Since 2001 he has worked for federal, state, and tribal agencies, as well as the private sector, researching aquatic ecosystems of the greater northwest. For the past seven years Conor has been the Anadromous Program Manager for the Spokane Tribe of Indians functioning as the Tribe's technical lead on fish passage and reintroduction. While in this role he has contributed to many of the projects that fall within the UCUT's phased approach, including co-authoring the Phase 1 Report and Phase 2 Implementation Plan, and performing cultural and educational releases of salmon to the Tribe's waters.

## 1:45 pm Concurrent Session - Preparing for Salmon Homecoming

**Steve Pozzanghera** is the Washington Department of Fish and Wildlife's Eastern Region, Regional Director. While his education and field experience focused primarily on carnivores (mostly big ones), he has really enjoyed learning about Lake Roosevelt fisheries and he has been honored to participate in the Policy conversations around the reintroduction of Salmon into the Columbia River above Chief Joseph and Grand Coulee dams. Steve will retire with 37 years of state fish and wildlife management experience at the end of May.

**Caj Matheson** is the Director of Natural Resources for the Coeur d'Alene Tribe and also is an enrolled member of the Tribe. He oversees the policy development and implementation over several programs including Fish & Wildlife, Forestry and Lands Management, Water Resources, Air Quality, Hazardous Waste Management, Cultural Resources, Recreational Programs, and Wildland Fires.

Spokane-based author **Jack Nisbet** has written several collections of essays about the human and natural history of the Intermountain West, as well as award-winning biographies of fur agent David Thompson and naturalist David Douglas. Together these two early white visitors provide some of the first written descriptions of the relationship among Plateau people, salmon, and the Spokane River drainage.

**Rick Raymondi** joined the Spokane Tribe of Indians in 2021 to assist with the implementation of anadromous reintroduction and associated research into the upper Columbia River basin. Rick has a broad range of fisheries monitoring and management experience within the Intermountain and Pacific regions.

**Conor Giorgi** has degrees from Gonzaga and Eastern Washington Universities. Since 2001 he has worked for federal, state, and tribal agencies, as well as the private sector, researching aquatic ecosystems of the greater northwest. For the past seven years Conor has been the Anadromous Program Manager for the Spokane Tribe of Indians functioning as the Tribe's technical lead on fish passage and reintroduction. While in this role he has contributed to many of the projects that fall within the UCUT's phased approach, including co-authoring the Phase 1 Report and Phase 2 Implementation Plan, and performing cultural and educational releases of salmon to the Tribe's waters.

**Casey Baldwin** is a Research Scientist for the Colville Tribes Fish and Wildlife Department and has been working on salmon and steelhead recovery in the Upper Columbia Region for 16 years. Early in his career he worked on a research project on Lake Roosevelt doing stock assessments and predator-prey interactions.

### 1:45 pm Concurrent Session

#### Spokane River PCB TMDL Development and Related Efforts

**Lisa Dally Wilson** is an environmental engineer and facilitator who works with diverse stakeholder groups to develop forward thinking environmental strategies and implement collaborative solutions. She provides facilitation, strategic planning, natural resource policy expertise, project management, and environmental consulting services. Lisa is currently co-lead of the Technical Working Group of the SRRTTF.

**Brian Nickel** is an environmental engineer with EPA Region 10 and acting manager of the watersheds section, which evaluates state-issued total maximum daily loads (TMDLs) and coordinates with the nonpoint source and coastal zone management programs. Brian has 19 years of Clean Water Act experience.

**Doug Krapas** served as an Environmental Engineer and Environmental Manager for various private companies in the Energy and Pulp & Paper sectors for over 38 years with expertise in air, water and waste management. Joined Inland Empire Paper Company in 2004 as the mill's Environmental Manager.

**Brandee Era-Miller** has worked for the Department of Ecology as a water quality scientist for over 20 years. Her work focuses on toxic chemicals in the environment. The types of studies she conducts include characterization, verification, and source identification studies. Currently she is leading the development of a new Statewide PCB Monitoring Program.

### 1:45 pm Concurrent Session

#### Water Conservation in Action

**Tonilee Hanson** directs the Spokane River Forum EnviroCertified Program which recognizes businesses for their environmental practices protecting the river and aquifer. She also manages the Spokane Aquifer Joint Board's Wellhead Protection Program providing education and source control awareness for businesses and residents.

**Kristen Zimmer** has a bachelor's degree in Natural Science Education from Eastern Washington University and is a Certified Irrigation Auditor. She has worked for the City of Spokane for 9 years studying the SVRP aquifer and the

impacts of human behavior on water resources while building and managing the water conservation program. Her work includes public relations, program design, program management, community engagement, water quality reporting, marketing and creative asset design.

**Iris Mayes** is the small farm and horticulture educator for UI Extension, Latah County. This program includes an Idaho Master Gardener program, plant clinic for community pest problems, community garden education series and educational programming for small acreage producers.

### 3:30pm Concurrent Session

#### Addressing “Forever Chemicals”: PFAS in Drinking Water

**Claire Nitsche** (she/her) is a health educator with the Washington State Department of Health. She uses health psychology, behavior change theory, health literacy, and social marketing principles to drive community education, outreach, and engagement on PFAS issues across the state.

**Barb Morrissey** is a human health toxicologist with the Washington Department of Health. She has been working on PFAS science assessment and public health policy efforts to address PFAS in drinking water. She supported the state Board of Health rule-making which adopted state action levels for five PFAS in drinking water.

**Jon Welge** has worked for Tetra Tech for over 24 years and has almost 30 years of experience in the Inland Northwest. A Navy vet with degrees in Earth Science and Physical Geography from EWU, he is the Community Co-Chair of Fairchild AFB’s Restoration Advisory Board (RAB).

**Heather Gosack** is a Tetra Tech geologist with 16 years of experience. She has undergraduate degrees in geology and math, a master’s in environmental science, and is a registered geologist in Washington. Heather has extensive experience managing sites requiring PFAS investigation, and she provides technical support for PFAS projects across the U.S.



**John Hancock** lives in Deep Creek Canyon, at the north edge of the PFAS plume from Fairchild Air Force Base. He's a citizen representative on Fairchild's Restoration Advisory Board, and a career professional in non-profit management and public relations. He attended the Stanford Graduate School of Business and holds advanced degrees from University of Michigan and Boston University.

### **3:30pm Concurrent Session - Aerial Imagery and Remotely Sensed Data to Support Watershed Monitoring and Restoration**

**Levi Keesecker** is a natural resource scientist with the Washington State Conservation Commission. He works with conservation districts, county, state, federal, tribal governments, universities, and NGOs to enhance the application of science and monitoring for achieving natural resource goals at the watershed scale.

**Jacob Taylor** is a conservation specialist with a background in wetland science, forestry, and GIS. He currently serves as the coordinator for the Voluntary Stewardship Program and the Commodity Buffer Program at the Spokane Conservation District.

**Matt Stevenson** is Principal at CORE GIS where he specializes in cartography, spatial analysis, remote sensing, web mapping, and GIS project management. He works primarily with government agencies and non-profits focused on natural resources, conservation, and public policy.

**Abby Gleason** is a geologist with the Washington Geological Survey within DNR. She has a background in remote sensing and currently serves as the Lidar Manager, leading the Lidar Program since its inception in 2016.

### 3:30pm Concurrent Session - Habitat Restoration and Land Conservancy

#### **Seth Flanders, Washington State University PhD Candidate**

**Kat Hall** is the Restoration Program Director at The Lands Council. She coordinates all riparian restoration activities—including tree planting, beaver dam analog installation, management of invasive weeds, and seeding of native grasses/forbs—and runs TLC's outdoor STEM-based youth environmental education program.

**Michael Crabtree** has a twenty-year career in natural resource conservation in the Northwest with experience in oak savanna restoration, water quality, and GIS. As the conservation director at the Inland Northwest Land Conservancy (INLC), Mike takes a strategic approach to project selection to align with the INLC mission and ensure future generations enjoy wide open spaces, outdoor recreation, and renewable resources.

**Kristin Lowell** is a Senior Water Quality Analyst for Idaho Dept of Environmental Quality where she has worked for 16 years. In addition to the many responsibilities she has at DEQ, she has been involved with numerous water quality improvement projects on the beautiful north Idaho streams lakes and rivers.

## Thursday, April 27

### 9:05 Plenary

#### Stewardship Works: The Power of Individuals, Ty Wick Award, Student Vision , Your Opinion Counts

**Andy Dunau** is the Executive Director of the Spokane River Forum. He has over 30 years of experience as a communications specialist, facilitator, project and program manager, and non-profit management.

**Greg Gordon** was born at the junction of Cherry Creek and the South Fork of the Platte River. He lives a short walk from the confluence of Hangman Creek and the Spokane River. He is currently editing a book on restoring urban rivers.

**Abby Dodd and Christiana Schmer** are fourth-year students at Gonzaga University on the verge of receiving their Environmental Studies degrees. They are currently working on their senior capstone project that is centered around raising and encouraging support for a Spokane River Vision Plan.

**Jeremy Jenkins** is the Environmental Manager for Liberty Lake Sewer and Water District where he administers lake management, water resource protection, water conservation and technology programs for the District. Jeremy also serves as the President of the Spokane Aquifer Joint Board since 2017. SAJB is a collective of 22 water purveyors focused on implementation of a comprehensive wellhead protection program, scientific aquifer studies, and education and outreach regarding regional water quality and quantity issues.

### 10:15am Concurrent Session - Innovative Stormwater Management

**Ben Brattebo** is Water Programs Manager for Spokane County Public Works. Ben has worked at Spokane County for 16 years, managing surface water and wastewater projects. Ben is a licensed Profession Engineer in Washington state.

**Trey George** is the stormwater permit coordinator for the City of Spokane's Phase II municipal stormwater permit. In his current role, Trey coordinates the City's inter-departmental compliance efforts for the development and re-development, education and outreach, and municipal operations and maintenance conditions of the stormwater permit, among others.

**Chris Bosley** is the City Engineer for Coeur d'Alene, Idaho. Among his responsibilities is the management of stormwater. Over the past six years, he has initiated several projects aimed to reduce the volume of stormwater discharging to Lake Coeur d'Alene and the Spokane River.

**Lindsay Chutas** is an environmental scientist for Morrison-Maierle with expertise in riparian restoration, water resources, and watershed scale planning and monitoring. She routinely manages water quality and water quantity projects for private and public entities.

### 10:15am Concurrent Session

#### Citizen Science Initiatives in the Spokane River Basin

**Jim Ekins** is the Water Educator for U-Idaho Extension. He develops non-formal education programs based on the best available science to all parts of the community. Jim runs the IDAH2O Master Water Stewards citizen science water quality monitoring program, and co-leads Idaho Project WET (Water Education for Teachers). He has worked with the University of Idaho since Fall 2007.

**Jan Boll** is a water resources engineering professor with focus on watershed hydrology, water quality, hydrologic modeling, integrated water resources management, and rivers, watersheds and communities. He also serves as co-Director of the Center for Environmental Research, Education and Outreach.

**Sharon Bosley** is the Outreach and Operations Coordinator with the Idaho Water Resource Research Institute at the University of Idaho Coeur d'Alene. She coordinates several programs that work to educate stakeholders about protecting water quality.

**Janice Elvidge** retired from the National Park Service at Lake Roosevelt National Recreation Area at the end of 2021. Currently, she serves as the president of Northwest Aquatic and Marine Educators (NAME) and assists with the management of The River Mile's EPA Grant.

**Jule Schultz** leads the Community Science and River Cleanup Programs at the Spokane Riverkeeper, where he connects the public to the river via science and volunteer opportunities. He comes to Spokane via Western Washington, where he worked monitoring water quality in shellfish beds and in Olympic National Park.

**Mary Engels** is an assistant professor at University of Idaho in Natural Resources and Society with interests in water resources, environmental plastic pollution and climate change resilience.

**Stan Miller** is the retired director of Spokane County Water Resources. He is now director of Selkirk Conservation Alliance, WATER Chair.

### **10:15am Concurrent Session**

#### **Riparian and Habitat Restoration, A Walk Down Hangman Creek**

**Mitch Redfern** is a Water Implementation Lead for WA Department of Ecology. For the past five years, his work has included: developing water quality clean up plans, project and program development, and grant management, primarily in the Hangman and Palouse watersheds. Mitch has a bachelor's degree in environmental science and a master's degree in environmental policy from the Evergreen State College.

**Walt Edelen** has been the manager for the Spokane Conservation District for the past 25 years. He is a WSU Cougar and a U of I Vandal, but identifies as an Ohio State Buckeye. He and his team have focused on the Hangman Creek Watershed by conducting planning efforts, implementing conservation projects, providing loan and cost share funding, and conducting research within the basin.

**Jacob Taylor** is a conservation specialist with a background in wetland science, forestry, and GIS. He currently serves as the coordinator for the Voluntary Stewardship Program and the Commodity Buffer Program at the Spokane Conservation District.

**Dan Ross** has worked at the Spokane Conservation District (SCD) since 2000. Dan has 23 years of field and project construction experience working for the SCD, from managing fish barrier correction projects in Spokane County since 2005 for the State of Washington funded Family Forest Fish Passage Program, to numerous livestock improvement, stream re-alignment/restoration and bank stabilization projects for the SCD.

**Bruce Kinhead** is a fish biologist with the Coeur d'Alene Tribe. Currently he coordinates all RM&E and restoration activities in the Hangman Creek watershed. The current emphasis is restoring natural connections between stream channels and their floodplains, as well as preserving redband trout genetics in the watershed.

**Cary Janson** of Latah, Washington is a 4<sup>th</sup> generation farmer to live and farm along Hangman Creek. Both his Great Grandparents homesteaded on Hangman Creek in the late 1880's. Cary, wife Linda, both sons and now 6<sup>th</sup> generation grandsons still farm here today. The Janson's grow wheat, canola, lentils, chickpeas and hay.

### 12:45pm Plenary

**Rob Lindsay** is a hydrogeologist and has served Spokane County as a leader of the County's Water Resources Program since 2004. Their work involves the protection of ground water and surface water resources in Spokane County. Rob is a member of the Spokane River Forum board.

### 2023 Water Forecast

**Patrick Maher** has been a Principal Hydro Operations Engineer for Avista for over 15 years. His job includes working with hydro operators and environmental scientists on the Spokane and Clark Fork Rivers to coordinate operation of the eight dams owned and operated by Avista. Patrick helps forecast flows into the Clark Fork River, Coeur d'Alene Lake and the Spokane River so that energy schedulers can anticipate downstream impacts.

### Taking Action: Building Climate Change Resiliency Across Our Communities

**Brian G. Henning** is Prof. of Philosophy and of Environmental Studies at Gonzaga University where he is inaugural director and founder of the Gonzaga Center for Climate, Society, and the Environment. An award-winning author, Dr. Henning has written or edited more than 10 books.

**Laura Laumatia** is the Environmental Programs Manager in the Coeur d'Alene Tribe's Natural Resources Department, where she oversees programming

related to climate change, renewable energy, brownfields, wetlands restoration, and environmental health, as well as collaborative research with University of Idaho related to climate resilience and culturally relevant STEM education.

**Meghan Lunney** is the Spokane River License Manager at Avista and accountable for compliance with the Spokane River FERC License and several off-license settlement agreements. She works with a team of natural resource leads that focus on protecting and enhancing fish, wildlife, wetlands, water quality, recreation, land use, cultural and aesthetic resources associated with Avista's Spokane River Dams.

**Ty Meyer** is the Production Ag Manager for the Spokane Conservation District. He operates the District's Direct Seed loan program and is in charge of the BioFarming program helping farmers adopt regenerative ag practices.

**John Porcello** is a principal groundwater hydrologist at GSI Water Solutions in Portland, who specializes in numerical modeling to support water supply planning and groundwater resource sustainability planning in the western U.S. He is the developer of the numerical groundwater flow model that is used by the City of Spokane and the Spokane Aquifer Joint Board for a variety of groundwater resource and wellfield planning needs, including the planning work that is the subject of this presentation.

**Eric Walsh** is the Climate Smart Land Network (CSLN) program director for Manomet, Inc. He helps commercial timberland managers and owners address the productivity demands of working landscapes while mitigating and adapting to climate change.