



Spokane RIVER forum 2019 CONFERENCE

building resiliency

April 16 & 17, 2019 • The Davenport Grand Hotel • Spokane

AGENDA

Tuesday, April 16

8:15 - 9:00 **Coffee and Welcome**

9:00 - 10:00 **Keynote**

Climate Change and Building Resiliency
Dr. Philip Mote, Vice Provost and Dean of Oregon State University's Graduate School

Grand Ballroom A

10:00 - 10:15 **Break**

10:15 - 11:45 **Concurrent Sessions**

Water Rights: Adjudication & Water Transfer
Meeting Room 4

Bob Haynes, Spokane River Forum Board; *Evan Roda, Idaho Department of Water Resources; Phillip Cerner, Coeur d'Alene Tribe of Indians; Dan Kegley, City of Spokane; John Porcello, GSI Water Solutions*

Meeting water needs to support regional growth and instream flows has many faces. The City of Spokane will share how a new well and a well rehabilitation study intends to meet the long term needs of customers. The Idaho Department of Water Resources (IDWR) will review the current status of the Northern Idaho Adjudication and its progression from the Coeur d'Alene-Spokane River Adjudication (CSRBA) into the Palouse River Basin Adjudication (PRBA). The Coeur d'Alene Tribe will provide update on tribal actions related to this process.

Great Gorge Redevelopment: From Water Quality to Recreation

Meeting Room 5

Marlene Feist, City of Spokane; *Speed Fitzhugh, Avista; Kyle Twohig and Brandon Blankenagel, City of Spokane; Karen Mobley, Spokane Arts*

From downtown Spokane through the Great Gorge an epic transformation is occurring. Learn how installation of CSO tanks, stormwater management, river access, and development of new and restored public spaces with art and interpretation is providing water quality, recreational and cultural benefits that will last generations.

Coeur d'Alene Lake Management Plan Monitoring Results

Maple Ballroom

Paul Klatt, J-U-B Engineers; *Dale Chess, Coeur d'Alene Tribe of Indians; Craig Cooper, Idaho Department of Environmental Quality; Chris Mebane, US Geological Survey*

Limnologists from the Coeur d'Alene Tribe and IDEQ will provide updates, trends and insights into Coeur d'Alene Lake water quality monitoring results. USGS will share results from monitoring water quality entering the lake.

11:45 - 12:30 **Lunch**

Grand Ballroom A

Register »

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AGENDA

Tuesday (continued)

12:30 - 1:30 Plenary Session

Finding a Path Forward for the Coeur d'Alene Lake Management Plan

Grand Ballroom A

Phillip Cernera, Coeur d'Alene Tribe of Indians, Director, Lake Management Department; Sheryl Bilbrey, Director, Environmental Cleanup Office, EPA; Dan Redline, Regional Administrator, Idaho Department of Environmental Quality

1:30 - 1:45 Break

1:45 - 3:15 Concurrent Sessions

Idaho Washington Aquifer Collaborative Model Irrigation Design Standards

Meeting Room 4

Terry Pickel, Idaho Washington Aquifer Collaborative and City of Coeur d'Alene; BiJay Adams, Liberty Lake Sewer and Water District; Kristen Zimmer, City of Spokane; Wayne Carlson, AHBL

Purveyors from Idaho and Washington are teaming up to develop efficient irrigation and landscape design standards. A menu of options will help local jurisdictions and water purveyors implement standards to conserve water during summer months when demand for outdoor water use can be three to four times higher than the amount used for domestic needs during the winter.

Reducing Nonpoint Source Pollution: Programs and Monitoring

Meeting Room 5

Casey Flanagan, Spokane Tribe of Indians; Walt Edelen, Lindsay Chutas and Seth Flanders, Spokane County Conservation District; Chad Atkins and Mitch Redfern, Washington Department of Ecology

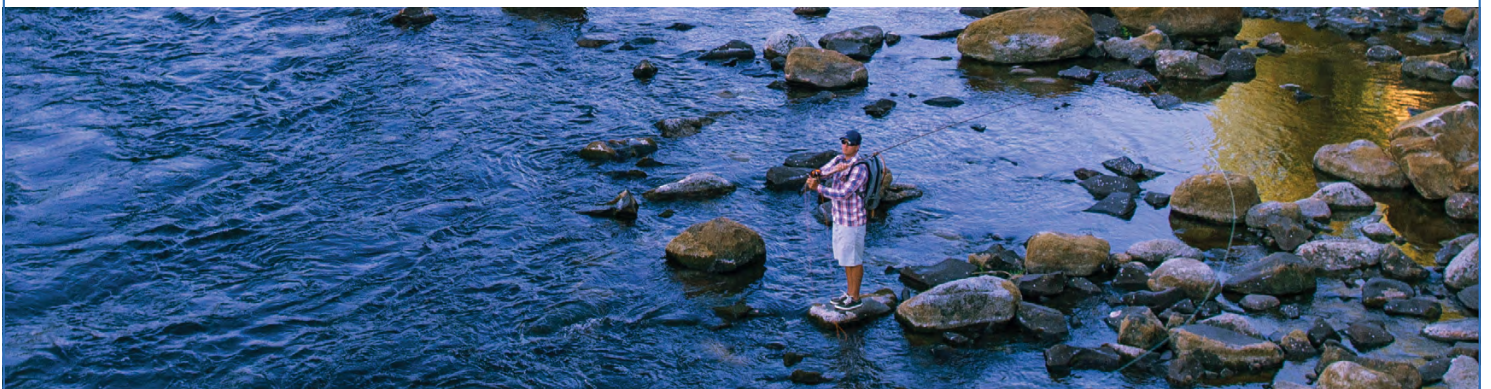
Non-point pollution from agricultural lands contribute sediment loading and nutrients to the Spokane River watershed, making it a source of water quality impacts. The Spokane Conservation District will review and update voluntary partnership programs and monitoring with agricultural producers to reduce non-point source pollution. Ecology will review implementation of a settlement agreement to incentivize further actions in the Hangman Creek watershed.

Spokane Valley-Rathdrum Prairie Aquifer: Water Quality Protection

Maple Ballroom

Jason Scott, GeoEngineers; Marcia Davis and Raylene Gennett, City of Spokane; Aimee Navickis-Brasch, Osborn Consulting; Marie Schmidt, University of Idaho

Managing stormwater runoff is a key factor in preserving water quality in the Spokane Valley-Rathdrum Prairie Aquifer and Spokane River. Presentations will share where and how best management practices are being implemented, research activities and outreach and engagement with high school students.



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AGENDA

Tuesday (continued)

3:15 - 3:30 Break

3:30 - 5:00 Concurrent Sessions

Rural Water Supply: Local & State Implementation of the Hirst Fix

Meeting Room 4

Guy Gregory, Spokane River Forum Board; John Covert, Washington Department of Ecology; Mike Hermanson, Spokane County; Erik Johansen, Stevens County

Let's talk implementing the 2018 so-called "Hirst Fix". This new Washington law, intended to protect rivers and streams while providing water for homes in rural Washington, builds upon earlier watershed planning efforts to engage all Washington citizens in local solutions to local water problems. Presenters from Ecology and local counties will describe and interact regarding work that's underway, how it's being pursued, and what solutions are being found.

Avista Spokane River Licensing Implementation

Grand Ballroom A

Meghan Lunney, Avista; Spokane River Project Staff, Avista

The Avista Spokane River License team are engaged in diverse water quality, fishery, recreational, land use, wetlands, aquatic weeds, cultural resource, erosion control and bald eagle monitoring projects which they implement as part of their Spokane River Project License. With new faces on the team, this poster session will provide you opportunities to learn more about them and their project work through one-on-one and small group dialog.

Regional Citizen Science Opportunities

Maple Ballroom

Jenn Johnson, Washington State University; Alan Kolok, Alycia Bean and Melissa Topping, Idaho Water Resources Research Institute; Jule Schultz and Jerry White, Spokane Riverkeeper; Camille McNeely, Eastern Washington University; Nigel Pickering, Washington State University

Learn about university and citizen science opportunities to support and engage in Spokane River water quality monitoring. The session will review agency acceptable approaches to collecting and storing data, explore the purpose of these programs and the long-term role these efforts may have in shaping policy, field testing tools and promoting community engagement and training; opportunities to increase Spokane River citizen science efforts; and results from monitoring sediment loading and turbidity from the Hangman Creek tributary.

Wednesday, April 17

8:15 - 9:00 Coffee and Welcome

Grand Ballroom A

9:00 - 10:30 Plenary Session

Water Quality Variance: A Solution for the Spokane River?

Grand Ballroom A

Barbara Bennett, Colorado Department of Public Health and Environment and Guy Alsentzer, Upper Missouri Waterkeeper; Bud Leber, Kaiser Aluminum; Jerry White, Spokane Riverkeeper; Tom Agnew, Liberty Lake Sewer & Water District; Cheryl Niemi, Washington Department of Ecology

10:30 - 10:45 Break

[Register »](#)

AGENDA

Wednesday (continued)

10:45 - 12:15 Concurrent Sessions

CIRC Northwest Climate Toolbox

Meeting Room 4

Jenn Johnson, Washington State University; Denise Lach and Ann Mooney, Oregon State University; Katherine Hegewisch, University of Idaho

The CIRC Spokane Community Adaptation Project (SCAP) is intended to help the community of Spokane respond to climate impacts related to local water resources by building the community's in-house capacity to make climate adaptation a part of everyday operations for local decision-makers. This session will introduce you to the Northwest Climate Toolbox, and share an example of how the Spokane community is using the tool box to develop climate data stories that highlight challenges being faced under current and future climate variability and change scenarios.

PCBs: Finding Them, Sniffing Them, and Removing Them

Meeting Room 5

Paul Klatt, J-U-B Engineers; Suzanne Replinger, Windward Environmental; Siana Wong and Brandee Era-Miller, Washington Department of Ecology; Bud Leber, Kaiser Aluminum

The latest in detecting, sniffing out and removing PCBs from our environment. Presenters will share pilot study results for using detection dogs to locate PCB sources/hotspots in areas such as Seattle's Lower Duwamish Waterway drainage basin; Kaiser Aluminum's pump and treat pilot testing program for PCB removal from groundwater entering the Spokane River; and Ecology's latest findings assessing the presence of PCBs in the Spokane River.

Habitat Restoration and Environmental Services

Maple Ballroom

Jason Scott, GeoEngineers;

Ben Brattebo, Spokane County; Chris Bonsignore, Ducks Unlimited; Rebecca Stevens and Ben Scofield, Coeur d'Alene Tribe of Indians

Learn how natural resource restoration efforts at Spokane County's Saltese Flats and in the Coeur d'Alene Basin are restoring critical wetland areas, streams, riverine habitat and lakes, all of which help provide for diverse fish and wildlife habitats and human services that are derived from them. Also, how satellite remote sensing is being employed to respond to harmful algae blooms.

12:15 - 1:15 Lunch

Grand Ballroom A

1:15 - 3:15 Plenary Session

Wildfires: Changing Conditions, Impacts, and Response in Our Watershed

Grand Ballroom A

Katherine Rowden, National Oceanic and Atmospheric Administration (NOAA); Jack Nisbett, Historian; Guy Gifford and Ken McNamee, WA Department of Natural Resources; Era of Megafires Documentary, Paul Hessburg, U.S. Forest Service.

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The Spokane River Forum is a non-partisan, nonprofit organization creating materials, events and activities that promote regional dialogs for sustaining a healthy river system while meeting the needs of a growing population.