

# Tuesday, March 26

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

**9:00 - 9:45 Plenary Session**

**Exploring the Interface Between Research, Management and Policy**

*Great Room*

*Todd Jarvis, Interim Director, Institute for Water and Watersheds, Oregon State University*

Todd Jarvis, Associate Director, Institute for Water and Watersheds, Oregon State University will speak on the opportunities pitfalls and challenges of how research and science are used to inform management and policy decisions.

**9:45 - 10:30 Plenary Session**

**How King County and City of Seattle Are Addressing Combined Sewer Overflows and Stormwater**

*Great Room*

*Kevin Fitzpatrick, Water Quality Section Manager, Washington Department of Ecology NW Regional Office*

Kevin Fitzpatrick, Washington Department of Ecology, will present on the combined sewer overflow (CSO) consent decrees which will be finalized soon for the City of Seattle and King County. Both consent decrees incorporate Integrated Approach Plans which address CSO correction and stormwater requirements. He will discuss how the Integrated Approach Planning process may apply to Spokane as it moves forward on CSO correction.

**10:30 - 10:45 Break**

**10:45 - 12:15 Concurrent Sessions**

**Local Source Control**

*Auditorium*

*Lisa Brown, WA Department of Ecology*

*Dick Martindale, ID Panhandle Health District; Ken Zarker and Julia McHugh, WA Department of Ecology; Sandy Phillips and Mike LaScuola, Spokane Regional Health District*

“Boots on the ground.” Learn how Idaho Panhandle Health District, Spokane Regional Health District, Ecology and Spokane River Forum work with other agencies and small businesses to prevent pollution from entering our river/aquifer system.

**Avista Dam License Implementation**

*Room 108*

*Speed Fitzhugh, Avista*

*Meghan Lunney, René Wiley, Tim Vore and David Armes, Avista*

Avista representatives will provide an overview of the Spokane River Project License implementation efforts. This will include water quality, erosion control, and sediment management in Lake Spokane; recreation, land use and cultural resource management; fishery studies and stocking plans; temperature and flow studies; wetland and aquatic weed management plans; and bald eagle surveys.

**Putting Shoreline Master Programs to Work**

*Room 213*

*Sara Hunt, WA Department of Ecology*

*Lindsay Chutas, Spokane Conservation District; Tammie Williams, WA Department of Transportation; Craig Aldworth, City of Spokane Valley; Jim Kolva, Spokane Public Facilities District; Lori Barlow, City of Spokane Valley; Mike Maher, WA Department of Ecology.*

Learn how shoreline master programs are being put to work for projects along the Spokane River such as the Spokane Convention Center Expansion, the Sullivan Bridge Project and State Line Projects. Hear about the status of shoreline master program comprehensive updates.

**12:15 - 1:30 Lunch Keynote**

**Mayor David Condon, City of Spokane**

The benefits of applying Integrated Management Planning to meet Spokane's stormwater and combined sewer overflow needs.

**1:30 - 3:00 Concurrent Sessions**

**Wet Weather – Stormwater Management and Combined Sewer Overflow Reduction**

*Auditorium*

*Mike Petersen, Lands Council*

Lars Hendron, Lynn Schmidt and Marcia Davis, City of Spokane

City of Spokane's implementation of combined sewer overflow reduction and adoption of low impact development practices.

**Sources of Toxics: Spokane River Regional Toxics Task Force**

*Room 213*

*Bart Mihailovich, Spokane Riverkeeper*

*Doug Krapas, Inland Empire Paper; Rick Eichstaedt, Center for Justice*

Inland Empire Paper on PCBs, inks and dyes, and more; Riverkeeper on potential national reform of TSCA (Toxics Substance Control Act); Toxics Task Force overview and status report.

## Spokane River Water Trail and Restoration Projects

Room 108

*Jeanna Hofmeister, Visit Spokane*

*René Wiley, Avista; Lindsay Chutas, Spokane Conservation District; David Lawrence, Pangaea River Rafting; Celene Olgeirsson, Spokane Canoe and Kayak Club and Andy Dunau, Spokane River Forum*

Spokane River Forum will unveil the highly interactive Spokane River Water Trail web site; and Avista, Spokane Conservation District and others will talk about exciting river access and riparian restoration projects.

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### 3:00 - 3:15 Break

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### 3:15 – 4:45 Concurrent Sessions

#### Wellhead Protection and Safe Drinking Water: Regulatory Requirements and Local Examples

Auditorium

*Rob Lindsay, Spokane County*

*Lloyd Brewer and Doug Greenlund, City of Spokane; Bryony Stasney and Heather Cannon, WA Department of Health*

Learn about the Expanded Groundwater Flow Model for the Spokane Valley-Rathdrum Prairie Aquifer. This enhanced, multilayer model uses a high resolution, flexible mesh to effectively simulate groundwater flow and groundwater/surface water interactions. Speakers will explain how this relates to wellhead protection. Washington Department of Health will present on Source Water Protection: Regulatory Requirements and Case Studies.

#### Nonpoint Source Reduction Projects in the Spokane River Watershed

Room 213

*Dave Moore, WA Department of Ecology*

*Ben Brattebo, Spokane County; Amanda Parrish, Lands Council; Walt Edelen, Spokane Conservation District; Vicki Egedal, Inland Northwest Land Trust; Carol Smith, WA Conservation Commission*

Spokane County, The Lands Council, Spokane Conservation District, Washington Conservation Commission and Inland Northwest Lands Trust will discuss nonpoint source project implementation and tracking along with opportunities to continue reducing nonpoint source pollution into the Spokane River.

#### Native Red Band Trout Protection and Recovery

Room 108

*Harvey Morrison, Trout Unlimited*

*Randall Osborne, WA Department of Fish and Wildlife, Casey Flanagan, Spokane Tribe of Indians; Tim Vore, Avista; Rick Noll, Spokane Conservation District; Sean Visintainer, Silver Bow Fly Shop*

Trout Unlimited, agencies and tribes will discuss uniqueness of native red band trout in our area, threats and limiting factors to

# Wednesday, March 27

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### 8:30– 9:00 Coffee and Welcome

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### 9:00 – 9:45 Plenary Session

#### Biosphere-relevant Earth (BioEarth) and Watershed Integrated Systems Dynamics Modeling (WISDM)

Great Room

*Allyson Beall, Clinical Assistant Professor, School of the Environment, Washington State University*

USDA has awarded a total of over 4.5 million dollars to two environmental modeling projects at WSU, Biosphere-relevant Earth system modeling (BioEarth) and Watershed Integrated Systems Dynamics Modeling (WISDM). The Spokane Valley-Rathdrum Prairie watershed is part of this project. Professor Allyson Beall will review the interdisciplinary approach to working with environmental scientists, hydrologists, economists, social scientists, modelers, stakeholders and others to develop an understanding of regional issues related to water, nutrients and land use in the context of climate change. A central goal of these tightly coupled projects is addressing issues that are relevant to stakeholders in such a way that the results of the models are useful for water, air, and land use management.

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### 9:45 – 11:00 Plenary Session

#### Creating Opportunities for Collaboration: Getting Past What We Can't Change

Great Room

*Allyson Beall, Washington State University*

*Rob Lindsay, Spokane County; Brad Caldwell, WA Department of Ecology; Gary Spackman, Director, Idaho Department of Water Resources; Tom Loranger, Washington Department of Ecology; Brian Crossley, Spokane Tribe of Indians; Phil Cernera, Coeur d'Alene Tribe of Indians*

A dialog about opportunities for collaboration will follow updates on water demand, Idaho water rights adjudication process, Washington instream flow considerations and the perspectives of state and tribal leadership.

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### 11:00 – 11:15 Break

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## 11:15 – 12:15 Plenary Session

### Where Can We Go From Here? Connecting Management with Policy and Research

Great Room

#### Allyson Beall, Washington State University

Ty Wick, Spokane Aquifer Joint Board; Paul Klatt, J-U-B Engineers ; Charles Buck, Coeur d'Alene Community Water Resources Center; Mike Galante, North Kootenai Water District; Rob Lindsay, Spokane County; and Walt Edelen, Spokane Conservation District. Panelists also participate in Kootenai County Comprehensive Aquifer Management Plan (CAMP), Idaho Washington Aquifer Collaboration (IWAC), and Washington Watershed Planning Units, aka WIRAs.

What do you know, what do you think you know, and what would you like to know? Local leaders from Spokane Aquifer Joint Board, Spokane County, Idaho Washington Aquifer Collaboration, Coeur d'Alene Water Resources Center, Kootenai Comprehensive Aquifer Management Planning and others will engage in a moderated discussion.

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## 12:15 – 1:30 Lunch Keynote

### John Tracy, Director, Idaho Water Resources Research Institute

Creating the relationship between good science and informed policy.

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## 1:30 – 3:00 Concurrent Sessions

### Applying University Resources to Local Collaborative Needs

#### Spokane Valley-Rathdrum Prairie Watershed Water Resource Research

Room 216

#### Helen Harrington, Idaho Department of Water Resources

Professor Allyson Beall, Washington State University; Kate Tillotson, Washington State University

WSU professors will lead session on implementing BioEarth and WISDM projects, and NSF proposal to conduct Spatial Modeling of Socio-Economic-Cultural Determinants of Basin Scale Water Use. Both are bi-state projects.

## New Ideas on Nutrient Management

Room 213

#### Ben Brattebo, Spokane County

Professor Michael Brett, University of Washington; Bo Li, University of Washington; Professor Daniel Strawn, University of Idaho; and Dr. Mark Solomon, Idaho Water Resources Research Institute

University of Washington will discuss latest research on bio-available phosphorus and proposal for additional research. University of Idaho professors will review research activities on Zero-Net Nutrient Exporting Watersheds.

## Green Chemistry: What It Is and Research Opportunities

Room 108

#### Adriane Borgias, WA Department of Ecology

Ken Zarker, Washington Department of Ecology; Doug Krapas, Inland Empire Paper; Michael Ebinger, WSU Center for Innovation and Value Creation

Listen to what it means to be on the leading edge of Green Chemistry and how it can be used to meet local water quality needs. Inland Empire Paper will describe piloting Algevolve system in lieu of chemicals to meet effluent phosphorus reduction needs. Panel will discuss and brainstorm opportunities for Green Chemistry research.

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## 3:00 – 3:15 Break

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## 3:15 – 4:45 Plenary Session

### Setting Fish Consumption Rates for Idaho and Washington

Great Room

#### Andy Dunau, Spokane River Forum

Cheryl Niemi, WA Department of Ecology; Don Essig, ID Department of Environmental Quality; Brian Crossley, Spokane Tribe of Indians; Phil Cerner, Coeur d'Alene Tribe of Indians; Nancy Judd, Windward Environmental; Gary Allen, Givens Pursley; Rick Eichstaedt, Center for Justice.

State, tribal and stakeholder representatives will discuss efforts and perspectives to update fish consumption rates. Protection of human health, regulatory challenges and potential costs to dischargers will be considered.



Spokane  
RIVER  
forum