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...and all others that
contributed to this year's
successful event!

Summit was held at:
Schweitzer Event Center
1825 Schweitzer Dr
Pullman WA



Palouse Basin
5th Annual Water Summit

2009 Program October 6th Summit



COMPLEXITIES
on the
SURFACE

- 7:30 AM Registration
- 8:00 Introduction: Ray Ledgerwood
Master of Ceremonies
- 8:10 Welcome Address: Glenn Johnson
Mayor, City of Pullman
- 8:20 U.S. Representative (WA)
Cathy McMorris-Rodgers by Mike Poulson,
Natural Resource Advisor
- 8:40 U.S. Representative (ID) Walt Minnick
Video Address
- 9:00 Keynote Speaker: L. Michael Bogert
Senior Counsel in Crowell & Moring's
Environment & Natural Resources Group
"The Future of Water Management"
- 9:30 Break
Early Bird Door Prize Drawing

Turn in your scorecard for an opportunity to win a RAIN
BARREL donated by Tri-State or LOW FLOW TOILET
donated by Avista!

AGENDA

NOTES

BIOGRAPHIES

MORNING SESSIONS



Will Goede, Graduate Student

WSU Structural Engineering

Will Goede is a structural engineering graduate student at Washington State University. He is researching the structural properties and durability of pervious concrete for his master's thesis.



Jon Thomle, Graduate Student

WSU Environmental Engineering

Jonathan Thomle is a graduate student in environmental engineering at Washington State University. As a graduate student he researches chemical changes in pervious concrete that effect infiltrated water.



James Blakely

Palouse-Clearwater Environmental Institute

James Blakely is an AmeriCorps Member for the Palouse-Clearwater Environmental Institute and serves as their Community Outreach Specialist. He graduated from the University of Idaho in 2008 with a B.S. in Environmental Science. While attending UI James became interested in sustainability and environmental activism. He served as President of the UI Environmental Club for almost two years before taking a job at the UI Sustainability Center as their Event Planner/Volunteer Coordinator. James currently sits on the Board of Director's for UISC.



Mandie MacDonald

Landau Associates

Mandie MacDonald is an Environmental Specialist with Landau Associates, Inc., in their Colfax, Washington location. Her work focuses on water resources and water rights throughout Washington and northern Idaho, with particular emphasis on ways that sustainable development affects the interests of existing and potential future water right stakeholders. She has extensive experience performing research and technical support services in various engineering and scientific disciplines.

- 9:45 AM Evan Sheffels
Water Policy Advisor,
Washington Department of Ecology
- 10:15 John Cardwell
Lewiston Region Acting Administrator,
Idaho Department of Environmental Quality
- 10:45 Washington State Senator Mark Schoesler
- 11:00 Idaho State Senator Gary Schroeder
- 11:15 Keith Stoffel
Water Resources, Eastern Regional Office
Washington Department of Ecology
- 11:30 Helen Harrington
Water Planning Section Manager
Bob Haynes
Northern Idaho Director
Idaho Department of Water Resources
- 11:45 Christine Psyk, Associate Director
EPA Region 10 Office of Water and
Watersheds
- 12:00 Sponsored Lunch and Networking

BIOS.

AGENDA

AFTERNOON SESSIONS

- 1:00 PM Steve Robischon, Executive Director PBAC
- 1:15 Michael Echanove, Chair CAG
- 1:30 Barbara Cosens, UI Law School & Waters of the West - *Interstate Cooperation & Local Land Use Planning in the Palouse Basin of Idaho and Washington*
- 1:45 Christian Petrich, SPF Engineering
"Modeling Future Demand:
How the Rathdrum Aquifer Experience Can Be Applied to the Palouse Basin"
- 2:15 **Surface Water Quality Issues - Using Surface Water as Supply**
Led by Ray Ledgerwood
- Panelists:**
Phil Brown, Golder Associates - Pullman ASR Project
Tom Bourque, TerraGraphics - Moscow Surface Water Storage
Greg Möller, UI Food Science - Emerging Contaminants/Microconstituents
- 3:00 Break-Door Prize Drawing

Make sure to visit the EXHIBITS!

AGENDA

BIOS.

BIOGRAPHIES



Elaine Snouwaert

Washington Department of Ecology

Elaine Snouwaert has been with the Department of Ecology in the Eastern Regional Office in Spokane for the last 9 years. She began her career developing public involvement and outreach materials on various water quality topics including Total Maximum Daily Loads (TMDLs), also known as Water Quality Improvement Projects. For the last 7 years, Elaine has been the TMDL Coordinator for TMDLs in the Hangman (Latah) Creek and Palouse River watersheds.



Rob Buchert, City of Pullman

Stormwater Services Program Manager

Rob Buchert is currently the City of Pullman's Stormwater Services Program Manager. Rob's role at the City is to act as a single point of contact and coordination for stormwater related issues and ensure that the City is able to meet the requirements of its NPDES Phase II Municipal Stormwater Permit. It is Rob's job to make sure the rain and snow that falls on Pullman makes its way to the South Fork Palouse River in a manner that causes the least amount of problems and gets there as clean as possible. Prior to coming to the City, Rob worked at the Palouse Conservation District for 10 years. Rob received a B.S. degree in Resource Recreation & Tourism from the University of Idaho College of Forestry, Wildlife & Range Sciences.



Ken Stinson, Latah SWCD

District Manager

Ken has served as the District Manager for the Latah Soil and Water Conservation District for the past 10 years. Ken also served as the Natural Resource Director for the Suquamish Tribe in Washington State for 8 years. He received his undergraduate and graduate degrees from the University of Idaho in forestry and natural resource economics. Ken and his wife served in the Peace Corps in the Dominican Republic.

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Christian Petrich SPF Engineering

Dr. Christian Petrich is co-founder of and Principal Engineer with SPF Water Engineering, LLC, a full-service water-resource consulting firm based in Boise. SPF solves water-supply problems through resource investigations, water right consulting, public water system engineering, and litigation support for a wide range of municipal, commercial, industrial, and individual clients. Dr. Petrich is registered in Idaho as a Professional Engineer, Professional Geologist, Certified Water Rights Examiner, and Certified Professional Mediator.



Phil Brown Golder Associates

Mr. Brown's expertise lies in the following areas but are not limited to: Aquifer storage and recovery (ASR); Municipal and industrial water supply; Stormwater management/ infiltration studies; Large scale water supply development projects. He received his MS in Hydrogeology/Geology from San Diego State. Mr. Brown is a Registered Professional Geologist: in both Oregon and Washington. He is a Licensed Hydrogeologist in the state of Washington.



Tom Bourque TerraGraphics

Mr. Bourque has over 22 years experience in environmental and water resource engineering throughout the western United State. He has bachelors and masters degrees in civil engineering from the University of Idaho. His projects have included large-scale environmental remediation, river restoration, and infrastructure development. He has been the lead engineer on reconstruction of the Silver Valley communities in Northern Idaho for the last ten years. He is currently project manager for the City of Moscow surface water reservoir study.



Greg Möller University of Idaho Food Science

Greg Möller is a professor of Environmental Chemistry and Toxicology at the University of Idaho. His research examines anthropogenic contaminants in aquatic ecosystems and sustainable engineering strategies for managing risk. Professor Möller teaches courses in environmental toxicology and food toxicology. He is the recipient of numerous national and international awards including the 2009 Harrison Prescott Eddy Medal by the Water Environment Federation (WEF) for vital contributions in the field of wastewater engineering.

3:15 PM **Surface Water Quality Issues - Primary Contact & Aquatic Habitat Concerns**
Led by Ray Ledgerwood

Panelists:

Elaine Snouwaert, Water Quality: WA DOE - WA Surface Water Quality Standards

John Cardwell, Water Quality: IDEQ - ID Surface Water Quality Standards

Rob Buchert, City of Pullman - Urban Runoff (Stormwater)

Ken Stinson, Latah SWCD - Rural Runoff

4:15 **Practical Applications - Things We Can Do Here!**
Led by Ray Ledgerwood

Panelists:

Will Goede, Graduate Student - WSU Structural Engineering - Pervious Concrete

Jon Thomle, Graduate Student - WSU Environmental Engineering - Pervious Concrete

James Blakely, Palouse-Clearwater Environmental Institute - Living Roofs

Mandie MacDonald, Landau Associates
Rainwater Harvesting

5:00
Q & A Session

5:30
Closing Ceremonies
Door Prize Drawing
Ray Ledgerwood

BIOS.

AGENDA



Ray Ledgerwood
Owner, Board Works by Ledgerwood

Ray is a native of eastern Washington, and worked on his family's wheat and cattle operation in Pomeroy, WA. He graduated from WSU with a BS. Currently Ray serves as the Program Coordinator for the Washington State Conservation Commission and duties include planning, training, and program delivery assistance for conservation districts and the state association, facilitation assistance to Local Work Groups, and NRCS District Conservationists for program implementation. Ray owns Board Works by Ledgerwood, a sole proprietorship specializing in practical and effective workshops and presentations for improving your organization and realizing the potential of its leaders.



Glenn Johnson
Mayor, City of Pullman WA

Glenn, who was elected to his second four-year term as Mayor of Pullman, was elected President of the Association of Washington Cities (AWC) at the annual convention in June 2009, held in Spokane. The association represents all 281 cities in the state and is based in Olympia. In 2008 Glenn served as vice president of this prestigious organization and secretary of the board prior to that. He has served on the Board of Directors of this statewide organization since 2006. He earned the Advanced Certificate of Municipal Leadership from AWC in September, 2008 and received the Certificate of Municipal Leadership in January 2006.



Cathy McMorris-Rodgers
U.S. Representative (WA)

She served five terms as a citizen legislator in Olympia eventually being elected to minority leader. When the legislature was not in session Cathy worked in her parents' small business, Peachcrest Fruit Basket, near Kettle Falls, Washington. In 2004 Cathy was elected to Congress where she now serves in her third term representing Eastern Washington's Fifth Congressional District. Cathy's responsibilities have changed significantly over the years but she has remained true to her roots. She believes in the promise of America.



Walt Minnick
U.S. Representative (ID)

On November 4, 2008, Walt Minnick made history with his upset win and was elected to represent Idaho's First Congressional District in Washington, D.C. He serves the people of Idaho as an effective, bipartisan, conservative problem-solver who pledges to always do what's "Right for Idaho."



L. Michael Bogert
Senior Counsel in Crowell & Moring's

Michael Bogert is Senior Counsel in Crowell & Moring's Environment & Natural Resources Group. Michael is the former Counselor to Interior Secretary Dirk Kempthorne, a position he held for two and a half years following his appointment by President George W. Bush on July 10, 2006. He is also the former Regional Administrator of the U.S. Environmental Protection Agency's Region 10 office in Seattle, a position he was appointed to by President Bush in 2005. As Counselor to the Secretary under Dirk Kempthorne, he advised the Secretary on various policy issues in the areas of endangered species and served as the Secretary's lead policy negotiator on Tribal water rights settlements, including the landmark Klamath Basin Restoration Agreement, among others.



Steve Robischon, Executive Director PBAC
IWRRI University of Idaho

Steve is the Executive Manager of the Palouse Basin Aquifer Committee (PBAC) and serves as an Assistant Director of the Idaho Water Resources Institute. He has degrees in Mechanical Engineering (BS, MS Montana State) and Geography (MS, University of Idaho).



Michael Echanove, Chair CAG
Mayor, City of Palouse WA

Mayor for the city of Palouse, current CAG chair, and 26 year employee of Information Technology at Washington State University.



Barbara Cosens
UI Law School & Waters of the West

Barbara joined the law faculty at the University of Idaho in 2004 as an Associate Professor and received tenor in 2009. She is the 2009 Stegner Young Scholar at the University of Utah. In 2008-2009 she received the William F. and Joan L. Boyd Teaching Award from the University of Idaho College of Law. She teaches Water Law, Water Policy, Law and Science, and Property Law and leads a team taught course in Interdisciplinary Methods in Water Resources. She is a PI on development of the new Water Resources graduate degree program at UI which includes options for concurrent J.D./M.S. and J.D./Ph.D. degrees. Her research interests include the integration of law and science in water resource management and dispute resolution, and the recognition and settlement of Native American water rights. She was previously an Assistant Professor in the Environmental Studies Program at San Francisco State University, and has served as both a mediator and negotiator in transboundary water disputes.





Senator Gary Schroeder Idaho State Senator

MS, Zoology, University of Idaho
Business Owner
Outdoor Publisher/Writer

Like many, I came to Moscow for an education, and decided to make this my home. I believe Latah County is a great place to live, work and raise a family. I am committed to maintaining the quality of life we all treasure.

Keith Stoffel



Washington Department of Ecology

Keith is the Section Manager for the Water Resources Program in the Department of Ecology located in the Eastern Regional Office in Spokane, WA. Keith began working for the Department of Ecology as a hydrogeologist almost 15 years ago. Prior to that he worked for 13 years for the Washington Division of Geology and Earth Resources as a geologist and field office manager, and for 2 years as a geologist for the Illinois State Geological Survey. He holds degrees from the University of Illinois, the University of Montana and has done graduate work at Washington State University.



Helen Harrington, IDWR Water Planning Section Manager

Helen has worked for the Idaho Department of Water Resources for over twenty-one years. She is the Manager of the Water Planning Section in the Planning and Technical Services Division. The Water Planning Section provides planning and administrative support to the Idaho Water Resource Board's programs which include the State Water Plan, Protected Rivers and Minimum Stream Flow programs, as well as Comprehensive Basin Planning and activities in the Upper Salmon River Basin to participate in local cooperative solutions to endangered species issues.



Bob Haynes, IDWR Northern Idaho Director

Bob was born in Boise Idaho in 1943. He attended the University of Idaho and received BS (AgE) & MS (AgE) degrees in 1966 & 1969, respectively. He has been a registered Professional Engineer in Idaho since 1972 and a member of the American Society of Agricultural Engineers since 1962. He has worked for the State of Idaho since 1968 and has served as a regional manager for the Idaho Department of Water Resources in Twin Falls and in Coeur d'Alene. He is a member of the Spokane Community College Water Resource Technology program advisory committee.



Christine Psyk, Associate Director EPA Region 10 Office of Water and Watersheds

Christine Psyk is the Associate Director, Office of Water and Watersheds (OWW) of U.S. EPA Region 10. The OWW is responsible for implementing Clean Water Act programs in Region 10 such as NPDES, TMDLs, Drinking Water, 319, 106 grants, and SRF programs. From 2000-2006 Christine was the Manager of Watershed Programs within the OWW. Prior to that she held various positions for over a dozen years with the Region 10 Office of Environmental Cleanup (Superfund).



Evan Sheffels Water Policy Advisor, WA Dept. of Ecology

Evan Sheffels serves as the Special Assistant on Water Policy for Washington State Department of Ecology Director Jay Manning. Evan formerly worked as Senior Counsel in the Washington State Senate, providing legal advice on environmental, water, agriculture, and land use legislation. He has also worked with Senate Committee Services as Staff Counsel to the Senate Agriculture Committee and the Senate Natural Resource, Energy and Water Committee.



John Cardwell, IDEQ Region Lewiston Region Acting Administrator

John Cardwell is the Water Quality Program Manager and Acting Regional Administrator for the Lewiston Regional Office of the Idaho Department of Environmental Quality. The Lewiston Regional Office serves the five North Central Counties of Idaho: Latah, Nez Perce, Clearwater, Lewis, and Idaho. Acting as Regional Administrator since May 2009, he oversees monitoring, permitting, and management of regional water quality, air quality, and solid and hazardous waste programs.



Senator Mark Schoesler Washington State Senator

Republican Floor Leader, Washington State Senate, 2007-present
Republican Whip, Washington State Senate, 2006
Senator, Washington State Senate, 2005-present
Republican Whip, Washington State Senate, 2006
Representative, Washington State House of Representatives, 1993-2002
Republican Whip, Washington State House of Representatives, 1999, 2000, 2001.

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