



2010 OWEB BIENNIAL CONFERENCE

WORKING TOGETHER *for* HEALTHY WATERSHEDS

November 15-17

Pendleton, Oregon

Pendleton Convention Center

Updated: October 19, 2010
* Designates presentation lead



Clean Water

Location - West 1

Groundwater and Surface Water Investigations: Project Planning, Handbook Calculations, and Handy Visual Aids

Learn practical approaches to characterize the interaction of groundwater and surface water in a river and floodplain system. Be able to discuss what it takes to plan, implement and measure the gains to and losses from a managed river system (seepage run). Become familiar with the different tools for illustrating and communicating data in a manner that is meaningful to stakeholders.

Kate Ely* Hydrologist, CTUIR. **Rick Henry** Hydrologist, Walla Walla Basin Watershed Council. **Tara O'Donnell** Research Assistant, OSU Water Resources Engineering.



Healthy Habitat

Location - West 2

A Case Study of the Sandy River Basin Partnership

Fifteen partner agencies and organizations in the Sandy River Basin worked together to develop, implement and monitor their restoration work. Each segment will include a short breakout session that will examine materials and planning tools used to develop the Sandy Basin strategy. Participants will discuss how to adapt similar plans and tools in their own efforts and brainstorm ideas for taking a long-term view of restoring their own basin.

Jennifer Bloeser Conservation Director, The Freshwater Trust. **Lisa Norris** Natural Resources Staff Officer, USFS Mt. Hood. **Steve Wise*** Executive Director, Sandy Basin Watershed Council.



Working Together

Location - West 3

Teachers as Watershed Researchers

For those who provide programming for teachers, this successful professional development model demonstrates the importance of providing teachers with in-depth experiences. Discover the Teachers as Watershed Researchers project, and watch video clips of teachers in the field. Participants will experience sample activities and examine one teacher's experience engaging her class. Evaluation results of the project demonstrates how one program successfully measures success.

Susan Sahnov* Director, Oregon Natural Resources Education Program, College of Forestry, OSU. **Jill Semlick** High School Teacher, Marshall High School, Pauling Academy of Integrated Sciences.



Unique Approach

Location - West 3

Working Landscapes – A Study in Partnerships

This workshop will discuss how responsible agricultural, forest management, and farming practices can help with the re-introduction of native forbs and grasses, improve water quality, and assist in the eradication of invasive species. A diverse panel of professionals will engage participants across a wide range of careers and interests to think about working lands as a vital link in the enhancement of biodiversity in Oregon.

Scott Ferguson Partner, Trout Mountain Forestry. **Jeff Fields** Stewardship Ecologist, The Nature Conservancy. **Michael Pope*** Executive Director, Greenbelt Land Trust.



Local Partners

Location - East 4

Challenge and Success in the Early Stages of Mid-Columbia Steelhead Recovery Implementation

Presenters will discuss the history and future of NOAA's Fisheries Service recovery plan for Middle Columbia River steelhead. Plan implementation and bring local attention to the challenges and successes in the early stages of Recovery Plan implementation. Discussion will also include lessons learned from plan development to on-the-ground project accomplishments.

Adrienne Averett Eastside Implementation Coordinator, ODFW. **Jeff Blackwood** Chair, Umatilla Basin Watershed Council. **Rosemary Furfey** Salmon Recovery Coordinator, NMFS. **Suzanne Knapp*** Natural Resources Policy Advisor, Governor's Office. **Tami Sasser** Executive Director, Umatilla Basin Watershed Council.



Grant Program A

Location - Happy Canyon

Using OWEB Online Tools

Demos of OWEB Grant Management System, the Oregon Watershed Restoration Inventory, and OWEB Investment Tracker.

Randy Emch Grant Payment Coordinator, OWEB. **Ashley Seim** GIS and Web Site Specialist, OWEB.

Grant Program B

Location - East 3

Council Support Application Training

Ask questions and discuss approaches to the application.

Lauri Aunan Grant Program Manager, OWEB.



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Clean Water

Location - West 1

Pesticides and Water Quality

Pesticides, PAHs, halogenated flame retardants, pharmaceuticals, personal care products, metals, and industrial chemicals in our water pose potential harm to human health and aquatic life. Learn how the presence of these chemicals is assessed, their potential impacts, and what state and local agencies are doing to protect Oregon's water. Explore the ways councils and districts are important partners in prevention plans.

Janet Gillaspie *Executive Director, Oregon Association of Clean Water Agencies.* **Koto Kishida** *Nonpoint Source Specialist, DEQ.* **Sheila Marcoe*** *Water Quality Specialist, ODA.*



Healthy Habitat

Location - West 2

Beavers and Watershed Restoration in Oregon

This presentation is for those who are aware of the value of beavers to watershed health and are looking for the tools, motivation, and resources they need to take action. Gain tips for monitoring, outreach and restoration and learn from on-the-ground success stories. In addition, there will be a facilitated discussion regarding outreach as well as a problem-solving session for those in the audience to ask for advice. Multiple handouts will be provided to extend the learning beyond the conference.

Wayne Hoffman, Ph.D* *Coordinator, MidCoast Watershed Councils.*
Stan Petrowski *President, South Umpqua Rural Community Partnership.*
Michael Pollack, Ph.D *Fisheries Researcher, NOAA NW Fisheries.*



Working Together

Location - West 3

Student Stewardship Projects and NOCLI

This workshop will provide information on how to develop programs that align watershed stewardship objectives with No Oregon Child Left Inside statewide priorities and Oregon Department of Education learning benchmarks. Examples of hands-on learning activities will be on display for attendees to examine. A case study and interview with a past high school student steward will present and highlight watershed education outcomes from a student's perspective.

Traci Price *Education Director, The Freshwater Trust.* **Kolleen Yake*** *Education Coordinator, Upper Deschutes Watershed Council and The Freshwater Trust.*



Unique Approach

Location - West 3

Restoring the Deschutes Basin

Director and management level watershed restoration professionals will gain methods for increasing organizational effectiveness and expanding the scope and impact of restoration activities. The session uses the Deschutes Special Investment Partnership as a case study on how to build effective partnerships and the results of this approach. Each SIP partner organization will be represented and will lend their unique perspective to the conversation.

Craig Carr *Executive Director, Crooked River Watershed Council.*
Tod Heisler* *Executive Director, Deschutes River Conservancy.*
Ryan Houston *Executive Director, Upper Deschutes Watershed Council.*
Brad Nye *Conservation Director, Deschutes Land Trust.*



Local Partners

Location - East 4

Restoring and Monitoring Meacham Creek

Gain an increased understanding of the efforts and range of partners working to restore Meacham Creek. Explore the Meacham Creek project as a case study. Jim Webster – Application of the River Vision and Riverine Ecosystem Planning applied to Meacham Creek; David Crabtree – Successful interagency partnership in restoration planning; Mike Lambert – Meacham Creek restoration actions and early results; Scott O'Daniel – Hyporheic monitoring.

David Crabtree *Fisheries Biologist, USFS Walla Walla.* **Mike Lambert** *Project Manager, CTUIR.* **Scott O'Daniel** *Research Geographer, CTUIR.*
Jim Webster* *Habitat Program Supervisor, CTUIR.*



Workshop

Location - Happy Canyon

Education/Outreach Roundtable

Share successes and challenges of managing events, web sites, program production, and community engagement.

Melissa Sandoz *Outreach Director, Columbia Slough Watershed Council.*



Grant Program

Location - East 3

Council Support Conversation

Continue the council support dialogue.

Courtney Shaff *Grant Program Coordinator, OWEB.*



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Clean Water

Location - West 1

Project to Program Effectiveness Monitoring for Water Quality

Be able describe the strengths and weaknesses of effectiveness monitoring projects at different scales and know how to decide the scale at which your own projects should be monitored. See how it is possible to answer the question, "Has this work yielded any effects at a program/watershed/reach level?" Explore the strengths, weaknesses and opportunities for each type of monitoring approach.

Doug Drake *Lower Willamette Basin Coordinator, Oregon DEQ.*
Steve Hanson* *Volunteer Monitoring Coordinator, Oregon DEQ.*



Healthy Habitat

Location - West 2

Rethinking Strategy for Monitoring Long-term Restoration Results

In this case-study, you will discover how 7 different watershed councils worked together to develop a streamlined monitoring strategy. Learn the trade-offs between affordability, feasibility and generating scientifically valid results. Initial choices of indicators, sampling design, and choice of protocols may constrain what you can say about restoration outcomes. Bring your questions and share your own tales.

Xanthippe Augerot *Executive Director, Mary's River Watershed Council.*
Nicole Czarnomski *Restoration Program Director, Middle Fork Willamette Watershed Council.*
Todd Reeve* *Watershed Program Director, Bonneville Environmental Foundation.*



Working Together

Location - West 3

Salmon + People

This highly interactive presentation will include storytelling, theater, and role-playing as techniques for presentations, working with landowners, and engaging communities. Discuss approaches to successfully initiate these collaborations and be thrilled with the possibilities of working across community groups. Take those first steps of inviting a wider group of people to participate in your work.

Peter Donaldson *Salmonpeople.* **Tom Gallagher** *Director, Ford Institute for Community Building, Ford Family Foundation.*
Jon Souder, Ph.D.* *Executive Director, Coos Watershed Association.*



Unique Approach

Location - West 3

Ecosystem Services in Oregon

Discover how ecosystem services connects to restoration and conservation work, and brings the potential to increase revenues and diversify funding streams for restoration. Learn how restoration and conservation work that is underway in Oregon can be included in an ecosystem services approach, and have increased awareness of the Senate Bill 513 process and Oregon's leading role in development of integrated ecosystem services markets.

Duncan Berry *President, Ecosystem Services LLC.* **Bobby Cochran** *Executive Director, Willamette Partnership.* **Renee Davis-Born*** *Ecosystem Services Coordinator, OWEB.*



Local Partners

Location - East 4

Accomplishments through Public and Private Partnerships on Birch Creek

Five different presenters will discuss various programs and agencies working to restore Birch Creek, including: the Forest Stewardship Program (Department of Forestry); Agricultural Water Enhancement Program (AWEP) and Environmental Quality Incentive Program (EQIP), both through the Natural Resources Conservation Service (NRCS); and Oregon Department of Fish and Wildlife.

Bill Duke *District Fish Biologist, ODFW.* **Adriana Morales** *Fish Habitat Biologist, ODFW.* **Hans Rudolf** *Stewardship Forester, ODF.* **Greg Silbernagel*** *Project Manager, Umatilla Basin Watershed Council.* **Loren Unruh** *District Conservationist, NRCS.*



Spatial Data Basics

Location - Happy Canyon

Using Oregon Spatial Data and Basics of GIS

Oregon Explorer Mapping Tool demo, OWEB map requirements, free spatial data and tools, introduction to ArcGIS.

Tara Davis *Coordinator, Calapooia Watershed Council.* **Eric Hartstein** *Coordinator, South Santiam Watershed Council.* **Ashley Seim*** *GIS and Web Site Specialist, OWEB.*



Grant Program

Location - East 3

Watershed Council Support Discussion

Continue the dialogue started by the listening sessions in early 2010 and discuss streamlining the process. [Note: This session will be streamed live on-line.]

Courtney Shaff *Grant Program Coordinator, OWEB.*



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Clean Water

Location - West 1

Partnering to Reduce Ground and Surface Water Pollution from Agriculture

While the Oregon Department of Agriculture has enforcement authority to prevent water pollution, the program relies primarily on voluntary compliance and collaborates with watershed councils, SWCDs, local organizations, citizens, and governmental agencies to be successful. In addition to learning about the program, examine compliance case studies, understand Groundwater Management Areas, and learn about existing partnerships.

Ellen Hammond* *Regional Water Quality Specialist, ODA.* **Karen Moon** *Coordinator, Harney County Watershed Council.* **Tom Straughan** *Water Quality Specialist, ODA.*



Healthy Habitat

Location - West 2

You've Been Invaded! Detecting, Documenting and Responding to Invasive Species

Learn about Early Detection and Rapid Response and concrete steps to take should you discover a new population of an invasive plant or animal. A case study from the Rogue Basin demonstrates the path from first finding a plant to a coordinated regional effort to remove it. Experience iMapInvasives, an online tool for documenting invasive species that can be used to send warning emails when a new priority invader is first detected within a watershed. (See session 5 for iMapInvasives practice).

Steven Buttrick, Ph.D* *Director of Conservation Science and Planning, TNC.* **Jimmy Kagan** *Director, Oregon Biodiversity Information Center.* **Gail Perrotti** *Coordinator, Seven Basins Watershed Council.*



Working Together

Location - West 3

Mentor Program

New this year!

Based on feedback from previous conferences, we're trying something new: a mentoring / networking workshop. The purpose is to provide a forum for knowledge transfer and skill development. No matter what your experience level is, come to this workshop to meet and learn from others. Together we'll build a stronger community of watershed professionals.



Unique Approach

Location - West 3

Willamette River: History and Future of Paradise

This presentation is for those who have an interest in a wide array of topics: cold water refugia, salmon recovery, monitoring, ecosystem services and climate change resilience. Learn the history of the river, our current understanding of its habitats, the use of anchor habitats, environmental trends and the most effective actions for the future. This collaborative identification of future actions and dreams will engage all of those present.

Paula Burgess *Willamette SIP Consultant, OWEB.* **Stan Gregory*** *Professor, OSU.* **Steve Horning** *Deering Farms.* **Pam Wiley** *Manager, Meyer Memorial Trust.*



Local Partners

Location - East 4

Restoring the Walla Walla and Umatilla Rivers' Flow and Habitat

In a series of case studies, learn about the problems, partners and success stories of the Umatilla and Walla Walla basins. Their accomplishments include returning in-stream flow, enhancing habitat through floodplain connection and improving fish passage, for the benefit of fish while balancing agricultural interests in the basin.

Kathryn Bringham *Policy Representative, CTUIR.* **Ron Brown** *Chairman, Walla Walla River Irrigation District.* **Gary James** *Fisheries Program Manager, CTUIR.* **Brian Wolcott*** *Coordinator, Walla Walla Basin Watershed Council.*



ArcGIS 9.3

Location - Happy Canyon

Watershed Restoration Applications of ArcGIS 9.3

How to build a map, create data, use tools and functions, and basic geoprocessing and troubleshooting assistance.

Tara Davis *Coordinator, Calapooia Watershed Council.* **Eric Hartstein** *Coordinator, South Santiam Watershed Council.* **Ashley Seim*** *GIS and Web Site Specialist, OWEB.*



Grant Program

Location - East 3

Council Support Application Training

Ask questions and discuss approaches to the application.

Courtney Shaff *Grant Program Coordinator, OWEB.*



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Clean Water

Location - West 1

Trees, Soil and Parking Lots: Case Studies in Urban Stormwater Management

An introduction to some of the up and coming green techniques for urban stormwater management. Discover the value of Low Impact Development techniques over peak flow regulation. Examine results from two case studies; recognize drawbacks of traditional site based detention facilities and why flow duration is a better regulatory scheme; and find out about detention ponds that are smaller than traditional designs yet also protect downstream areas.

Phillip Pommier *President, Pacific Water Resources, Inc.* **Brian Wegener*** *Riverkeeper, Tualatin Riverkeepers.*



Healthy Habitat

Location - West 2

Enhancing Habitat Restoration Project Planning

Gain a greater understanding of the benefits and limitations of using hydraulic models to effectively evaluate restoration scenarios and integrate the technical aspects of this evaluation into the restoration project planning and design process. Learn and use different data for stakeholder communications. Discuss how to integrate the modeling into the restoration planning and stakeholder involvement processes; suggest both technical and non-technical ways to integrate modeling into these processes.

Robert Annear, Ph.D *Vice-President, DHI Water and Environment.* **Ryan Kilgren*** *Water Resources Engineer, DHI Water and Environment.* **Fred MacGregor** *Water Resources Engineer, ICF International.* **John Runyon** *Watershed and Restoration Team Manager, ICF International.*



Working Together

Location - West 3

Wolf Creek Monitoring: A Partnership Story

This award-winning large-scale restoration project treated over 10 miles of stream with 900 logs and 3700 boulders over a two year period. This presentation, describes the monitoring effort associated with this project and how working with multiple partners has resulted in a robust, multifaceted monitoring approach which will examine the effectiveness of improving aquatic habitat through instream restoration techniques.

Dan Dammann* *Hydrologist, BLM.* **Sandy Lyon** *Monitoring Coordinator, Partnership for the Umpqua Rivers.* **Jeff McEnroe** *Fisheries Biologist, BLM.*



Unique Approach

Location - West 3

Restoration in the Klamath Basin

Learn about the Klamath Business Plan and logic model developed by partners and NFWF, and consider the challenge of balancing ecological priorities with the interests of private landowners. Speakers will discuss design, implementation, monitoring, and how to be successful working with private landowners in a "water-stressed" basin.

Damion Ciotti *Ecologist, USFWS.* **Heather Hendrixson*** *Director, Williamson River Delta Preserve, TNC.* **Michael Hughes** *Geomorphologist, The Klamath Tribes.* **Nathan Jackson** *Interim Executive Director, Klamath Watershed Partnership.* **Shannon Peterson** *Executive Director, Klamath Basin Rangeland Trust.* **Mark Stern** *Director, Klamath Basin Conservation Area Director, TNC.*



Local Partners

Location - East 4

Education and Outreach East of the Cascades

Discover how the landscape, experiences, and community needs in the Mid-Columbia region shape our local partners' education and outreach programs. A range of programs will be presented: STELLAR, Watershed Field Days, First Foods Mission, Salmon Expedition, Salmon Walk, Return to the River, and more. A roundtable discussion will follow.

Bob Chicken *Education and Outreach Coordinator, Walla Walla Watershed Council.* **Heidi Hartman*** *Natural Resources Specialist, Umatilla SWCD.* **Wenix Red Elk** *Education and Outreach Specialist, CTUIR.* **Teresa Walchli** *Coordinator, Clean Water Neighborhood Program, Umatilla SWCD.*



Invasives Mapping

Location - Happy Canyon

Hands-on Practice with iMap invasives

Experience an online tool for documenting invasive species.

Steven Buttrick, Ph.D* *Director of Conservation Science and Planning, TNC.* **Jimmy Kagan** *Director, Oregon Biodiversity Information Center.* **Gail Perrotti** *Coordinator, Seven Basins Watershed Council.*



Grant Program

Location - East 3

Grant Program Open Questions

OWEB grant program staff will take open questions.

Randy Emch *Grant Payment Coordinator, OWEB.* **Ashley Seim** *GIS and Web Site Specialist, OWEB.* **Courtney Shaff** *Grant Program Coordinator, OWEB.*