



Updated 10.6.06

Conference Announcement

# COMMUNITY ACTION & INNOVATION FOR WATERSHED SUSTAINABILITY

**Technical Presentations: October 16-18**  
**Workshops: October 19**  
**Field Trip: October 20**

**Poster Session: Emerging  
Opportunities -- Innovation  
for Sustainability**

## WATERSHED MANAGEMENT COUNCIL 11th BIENNIAL CONFERENCE

*In collaboration with the Walla Walla Watershed Alliance and  
Walla Walla Community College*

**OCTOBER 16 - 20, 2006**

*Marcus Whitman Hotel & Conference Center  
Walla Walla, Washington*

### Monday, October 16, 2006

- **Complimentary Watershed 101 Workshop** 9:30 - 11:30am
  - The concepts of “Watersheds” and “Watershed Management” have gained wide notice and application in recent decades. In this workshop we explore what the concepts may mean to scientists, producers, resource managers, and the “public” –to all of us who are concerned with watershed processes and sustainability.Confirmed Presenters Include:
  - Dr. Charles W. Slaughter, Research Professor, Center for Ecohydraulics Research, University of Idaho – Boise
  - Dr. Bruce McGurk, Operation Manager, Hetch-Hetchy Reservoir
  - Terry Kaplan-Henry, Forest Hydrologist, US Forest Service Sequoia National Forest
  - Robert Rupar, Vice-President, Nelson Irrigation, and, President, Walla Walla Watershed Alliance
  - Robert Bower, MS Hydrologist, Walla Walla Basin Watershed Council
  
- **Welcome and Keynote Address** 12:30 - 1:30pm
  - Dr. Steve VanAusdle, President, Walla Walla Community College
  - Robert Rupar, Vice-President, Nelson Irrigation, and, President, Walla Walla Watershed Alliance
  - Robert Nuzum, President, Watershed Management Council
  - Dr. Charles W. Slaughter, Conference Chair and Past President, Watershed Management Council
  - Dr. Sari Sommarstrom, Watershed Consultant

- **“Living River Corridors in the Changing West”** 1:30 – 5:30pm
  - Across the West, valley floors are under pressure for development. The concept of setting aside a corridor of land occupying the natural or probable future meander of a river as open space has environmental and cultural benefits. Can conservation tools such as: easements, restoration projects, etc. make development of “living river corridors” commonplace on western rivers?

**Confirmed Presenters Include:**

- John Cobourn, MS Hydrology, University of Nevada Extension
- Ann L. Riley, Author, Restoring Streams in Cities
- Jennifer Boyer, Northern Rockies Program Manager, Sonoran Institute
- Patricia Olson, Hydrogeologist, Shorelands and Environmental Assistance, Washington State Department of Ecology
- Robert Gordon, Managing Member, Staecis Consulting
- Gerald J. Anhorn, Director of the Water & Environmental Center, WWCC and President of the Inland Empire Action Coalition



**Tuesday, October 17, 2006**

*Morning Sessions 8:00 – 11:30am*

- **Throwing Money at Watershed Restoration: Does it Work?** 8:00 - 11:30am
  - Evaluations will be presented of what has worked and has not worked over time at different scales throughout the western US: project, ownership, watershed, and state. Emphasis will be on those efforts for which evaluation has been done rather than unconfirmed “success stories”.

**Confirmed Presenters Include:**

- Ken Bierly, Deputy Director, Oregon Watershed Enhancement Board
- Tom Leroy, Pacific Watershed Associates
- Brian Wolcott, Director, Walla Walla Basin Watershed Council
- Cathy Schaeffer, Watershed Planning Director, Walla Walla County
- Jeff Oveson, Executive Director, Grande Ronde Model Watershed, Or
- Ann L. Riley, Executive Director, Waterways Restoration Institute, Oakland, CA
- Steve Martin, Director, Snake River Salmon Recovery Board

- **Anadromous Fisheries** 8:00 - 9:30am

**Confirmed Presenters Include:**

- FishXing Hydraulics: A Unique Interactive Software Integrating Culvert Design and Evaluation for Optimizing Fish Passage through Culverts
  - Mike Furniss, Hydrologist, US Forest Service
- Presenting Water and Salmon Restoration Efforts by the Confederated Tribes of the Umatilla Indian Reservation in the Walla Walla Basin Watershed
  - Gary James, Fisheries Program Manager, Confederated Tribes of the Umatilla Indian Reservation (CTUIR)

- **Timber Harvest Watershed Function** 10:00 - 11:30am

**Confirmed Presenters Include:**

- Dr. George Ice, Senior Scientist, National Council for Air and Stream Improvement (NCASI)
- Maryanne Reiter, Hydrologist, Weyerhaeuser Company
- Dr. Charlie Luce, Research Hydrologist, Rocky Mountain Research Station, USDA



Luncheon Panel

12:00 - 1:00pm

"Watershed Innovations and Progress: California, Idaho, and Montana,"

Explorer Ball Room, Marcus Whitman Hotel, 11:30am - 1:30pm

Confirmed Panelists Include:

- Cathy Bleier, California Resource Agency
- Bob Haynes, Regional Manager, Idaho Department of Water Resources
- John Tracy, Director, Idaho Water Resources Research Institute
- Mike McLane, Montana Department of Natural Resources and Conservation

Afternoon Concurrent Sessions 1:30 - 5:00pm

• **Environmental Education in Watersheds**

1:30 - 5:00pm

*Confirmed Presenters Include:*

- Environmental Educational opportunities through Community Colleges in Eastern Washington:
  - Gerald J Anhorn Director, Water and Environmental Center Walla Walla Community College
  - Erin Cunningham Rudders, M.S Hydrogeology and instructor, Spokane Community College
- Washington State University Natural Resources Leadership Academy
  - Michael J. Gaffney, Associate Director, Division of Governmental Studies and Services (DGSS) at Washington State University (WSU), and Coordinator, WSU Natural Resources Leadership Academy
- California Envirothon and North America Canon Envirothon
  - Sharon Boyce, President, California Envirothon
- Connecting Students, Science, and Salmon through Inquiry-Based Curriculum
  - Ann Boyce, Executive Director, Stilly-Snohomish Fisheries Enhancement Task Force
- Leadership & Local Relevance: Fostering visionary place-bound learning programs
  - Michelle Medley, Director of Communications and Development, Adopt-A-Watershed
- US Forest Service Stream Simulator
  - Ernie Ledbetter, Hydro technician and Constructor of the Stream Simulator, US Forest Service Willamette National Forest

• **Wildfires, Fuels, and Community Action**

1:30 - 3:00pm

- The topic of wildfire, fuels, and community action is hot, perhaps incendiary in the Walla Walla valley, but, just as many places in the west, we face similar challenges for managing watersheds, wildfire, and fuels, and working in complex settings, with multi-ownership, high resource values, shifting economic base, and changing cultural values. What are the unique challenges faced by managers, scientists, and communities, what tools or perspectives do each bring to the table, and what are some examples of successes or lessons learned?

*Confirmed Presenters Include:*

- Kevin Martin, Supervisor, US Forest Service Umatilla National Forest
- Dr. William Elliot, Rocky Mountain Research Station
- Judith Johnson, Kooskooskie Commons

• **Global Warming - Al Gore's "An Inconvenient Truth" (full length video)**

3:30 - 5:30pm

- Introduced By Dr. Bruce McGurk



*Poster Session: "Emerging Opportunities: Innovation for Sustainability"*  
*Explorer Ball Room, 6:00 - 9:00pm*  
*Posters, no-host bar, and heavy hors d'oeuvres*

***Integrated with the poster session are two focused exploration/discussion opportunities:***

### ***Salmon Safe***

***6:00-7:00 pm***

Salmon-Safe is devoted to restoring agricultural and urban watersheds so that salmon can spawn and thrive. Almost a decade after certifying fish friendly farms in Oregon's Willamette Valley, Salmon-Safe has become one of the nation's leading regional eco labels with more than 50,000 acres of farm and urban lands certified. The Salmon-Safe retail campaign has been featured in 200 supermarkets and natural food stores.

- Dan Kent, Managing Director of Salmon Safe
- Tara Lewis, VINEA, Walla Walla Valley Winegrowers Sustainable Trust
- Leonard Brown, Earl Brown & Sons Orchards
- Thundering Hooves Pastured Finished Meats

### ***Mill Creek Alive: A Design Swap meet***

***7:30-9:00 pm***

Walla Walla's Mill Creek hosts local and national "imagers". An informal and lively exchange of design concepts! Featuring:

- Ann Riley, Author, Restoring Streams in Cities
- Buster Simpson, Artist Provocateur

Sponsored by: Many Waters Community Development/ Many Waters Equity, Inc. -Walla Walla

Wednesday, October 18, 2006

*Morning Sessions 8:00 - 11:30am*

- **Sediment: Sources, Movement, and Storage** 8:00 - 9:30am

***Confirmed Presenters Include:***

- Bedload Rating and Flow Competence Curves in Coarse Mountain Gravel-Bed Streams Predictable from Bedmaterial, Channel, and Basin Characteristics
  - Kristin I. Bunte, Civil Engineering, Colorado State University
- Dam Sediment and Its Affect on Stream Morphology and Ecology
  - Gregory B. Stewart, Ph.D., CMER Geomorphologist/Hydrologist
- The Use of the POWERSED/FLOWSED Model
  - J. George Athanasakes, P.E., FMSM Engineers
- Sediment from Stream Bank Erosion
  - Angela D. Greene, P.E., Natural Resources Conservation Service (NRCS) Liaison

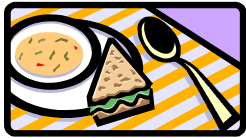
- **Total Maximum Daily Load (TMDL) and Water Quality** 10:00 - 11:30am

***Confirmed Presenters Include:***

- Trish Carroll, Regional Water and Riparian Program Lead, US Forest Service Region 6
- Ruth Tracy, Soil - Water Program Manager, US Forest Service Gifford Pinchot National Forest
- Karin Baldwin, Water Quality Program, Washington State Department of Ecology
- Genie Azad, Watershed Coordinator, Carson River Subconservancy District

❖ **Cooperative Values of Water**  
*Confirmed Presenters Include:*

- **Water: A Way of Life – It’s About Everybody and Everything** 8:00 – 9:00am
  - Gail Achterman, Oregon State University Institute of Natural Resources
- **Irrigation: It’s About Efficiency, But So Much More** 9:00 – 9:30am
  - Role of Institutions – Academic, Government
    - Dr. David Zoldoske, Director, Center for Irrigation Technology, California State University Fresno, and past President of the Irrigation Association
- **Urban Irrigation: The City Landscape a Dominating Environment?** 10:00 -11:00am
  - Jean Caiani, Panta Rhea Foundation
  - Robert Rupar, Vice President Marketing, Nelson Irrigation
- **The Role of Collaborative Leadership in Cooperative Conservation** 11:00-11:30am
  - Mike Bireley, Special Assistant to the Director, Washington State Department of Fish and Wildlife



*Flow for Flexibility: “Whatta Vision” Luncheon featuring Jay Manning, Director, Washington State Department of Ecology & Phil Ward, Director, Oregon Water Resources Department Explorer Ball Room, Marcus Whitman Hotel, 11:30am – 1:30pm*

*Afternoon Plenary Session 1:30 - 4:00pm*

- **“Flow for Flexibility”**  
*Confirmed Presenters Include:*
  - Water – It’s Our Culture, Our Religion, Our Life
    - Antone Minthorn, Board Chairman for the Confederated Tribes of the Umatilla Indian Reservation
  - Water – What We Can Do When It Flows Through Our Backyards
    - Dick Ducharme, Tucannon River Landowner and Water User, Alliance Board Member
- **Flow for Flexibility Breakout Sessions: Water Management Initiative,** 4:30 – 5:30pm  
 Native American Rooms on the Second Floor of the Marcus Whitman Hotel



*Banquet featuring*

*“Salmon Recovery: It’s About Water & Habitat – But Democracy, too”*

**William Ruckelshaus**

*Former US Environmental Protection Agency Administrator and Chair of the Washington State Salmon Recovery Funding Board*

*Marcus Whitman Hotel, No-Host Social Hour 6:00 – 7:00pm Renaissance Room and Banquet 7:00 – 9:00pm Explorer Ball Room*

*Tickets on sale for \$30/each (Salmon, Chicken, or Vegetarian Meals)*

## **Thursday, October 19, 2006**

*Policy Workshop, beginning at*

9:00am

- **One Year after St. Louis – How Are We Walking the Talk?**
  - Session will reconvene the five Pacific Northwest Case Studies that presented their stories at the 2005 White House Conference on Cooperative Conservation in St. Louis—*Blackfoot Challenge, Nisqually River Collaborative Management, Northwest Straits Marine Conservation, Olympia Oyster Restoration Project, Cooperative Salmon Restoration in the Walla Walla River Basin*—along with representatives from the Federal, State, Local Governments and interested citizens who are committed to furthering Cooperative Conservation.
    - Kevin Scribner, Walla Walla Watershed Alliance, Facilitator, Confluence Open Space Format Discussion

*Technical Workshops 8:00am – 4:30pm (No Lunch Offered)*

- **RIVERMorph® Workshop**, George Athanasakes, P.E.
  - The RIVERMorph® software is a database oriented software system geared towards channel measurement data collection/storage, reference reach data collection/storage, river assessment/monitoring and engineering applications including natural channel design. As the field of river restoration is ever changing, it is the goal that the development of RIVERMorph® will be flexible enough to meet future needs of the profession.
- **Floodplain Ecohydraulics Modeling**, Dr. Gregory Egger and Dr. Klaus Jorde, Center for Ecohydraulics Research, University of Idaho – Boise
  - Implementing restoration philosophy, developing management plans, simulating the hydrological or ecological responses and untangling the complexities of aquatic systems require an interdisciplinary approach, which crosses the boundaries of science and engineering programs.

## **Friday, October 20, 2006**

*Field Trip 8:00am – 3:00pm (Sack Lunch Offered)*

- **“Go with the Flow: Headwaters to the Columbia”**, Gerald Anhorn and Kevin Scribner, Water & Environmental Center, Walla Walla Community College
  - Tour the Walla Walla watershed from the headwaters to the confluence with the mighty Columbia River. The tour will incorporate restoration activities along Coppie Creek and the controlled channel of Mill Creek through the City of Walla Walla. Go with the flow from the top of the forested and fire affected watershed, through agricultural and urban landscapes. Observe the ever changing river corridor as the Walla Walla River system spreads across the alluvium valley. The tour will be lead by two locals who will share their knowledge and perspective on the Walla Walla watershed.

## **CALL FOR POSTERS**

Posters are solicited for the **11th Biennial Watershed Management Council Conference, 'Community Action & Innovation for Watershed Sustainability,'** held in collaboration with the *Walla Walla Watershed Alliance* and *Walla Walla Community College*, October 16-20, 2006 at the Marcus Whitman Hotel and Conference Center, Walla Walla, Washington. The Conference will explore policies and management practices to resolve current and future water allocation and watershed management issues in the West, and the science and strategies that have been and may be applied in meeting those objectives. Individual Conference Sessions include: Living River Corridor Concepts and Applications; Agreements for Watershed Sustainability; Fuels, Fires and Creeks -- Watersheds at the Interface; Timber Harvest and Watershed Sustainability; Watershed Sustainability with Changing Snow and Climate; Innovative Watershed Education; Anadromous Fisheries in the Northwest; Flow for Flexibility -- the Washington Initiative; Watershed 101 -- Integrated Watershed Management and Confluent Processes; and much, much more. The **POSTER THEME** for this Conference is **'Emerging Opportunities -- Innovation for Sustainability.'** Abstracts of 250 words or less in the format shown below should be submitted (preferably electronically) no later than September 15, 2006 to: POSTER CHAIR Jerry Anhorn, Director, Water & Environmental Center, Walla Walla Community College, 500 Tausick Way, Walla Walla, WA 99362 Phone: (509) 524-4809; e-mail: [gerald.anhorn@wwcc.edu](mailto:gerald.anhorn@wwcc.edu). POSTER ABSTRACTS: Please e-mail or supply on computer disc as 'Word' document, in the format shown below. Please supply a copy of your submission to CONFERENCE CHAIR Charles W. Slaughter at [cslaugh@uidaho.edu](mailto:cslaugh@uidaho.edu).

### ***SUBMISSION FORMAT:***

#### **TITLE (ALL CAPS)**

First Author's Last Name, First Name; Department, Institution; City, State, Zip code, e-mail

2nd Author's Last Name, First Name; Department, Institution; City, State, Zip code, e-mail

\*The poster title is not indented.

\*First Author(s) line is not indented.

\*Underline the name of the presenter.

Body of Abstract: Do not indent first paragraph of text.

Insert one line between paragraphs.

Keywords: Insert one line between text and keywords; add title "Keywords," insert a colon, and list three keywords, left-justified.

Poster session authors should be prepared to discuss their research on the evenings of October 16 and 17, 2006. Maximum poster size: *60" wide x 48" high*. When preparing your poster, use at least 1/2" tall type for text and at least 1" tall type for titles and headings; include your abstract on the poster. Use colorful, eye-catching borders and photographic materials. Extended abstracts (1-2 pages) may be submitted for inclusion in the Conference Proceedings.

## Conference Registration

Registration includes receptions breaks, technical sessions, luncheons Tuesday and Wednesday and poster session.  
**Does not include BBQ, Banquet, Workshops, or Field Trip (see below).**  
*Please complete one form for each attendee*

<i>Fee Schedule</i>				
CONFERENCE ITEM	Before October 13	Walk-in	Number	Total
<b>Registration</b>				
<b>WMC Member</b>	\$215.00	\$275.00		
<b>NON-WMC Member</b>	\$245.00	\$305.00		
<b>One Day Registration</b> Mon ( ) Tues ( ) Wed ( ) Thu ( )	\$150.00	\$150.00		
<b>Student Registration</b> (College, High School)	\$50.00	\$50.00		
<b>WMC Membership</b> (2007 water year, October 1 - September 30)	\$30.00	\$30.00		
<b>Contact Marcus Whitman Hotel for room reservations</b> <b>Call 866-826-9422</b>				
<b>BBQ, Monday, 10-16-06</b> Wine tasting and entertainment at Walla Walla Community College	\$20.00	\$20.00		
<b>Banquet, Wednesday, 10-18-06</b> (For full registrant) Salmon( ) Chicken( ) Vegetarian( )	\$15.00	\$15.00		
<b>Banquet, Wednesday, 10-18-06</b> Salmon( ) Chicken( ) Vegetarian( )	\$30.00	\$30.00		
<b>Workshops</b>				
<b>RIVERMORPH</b> Computer application	\$40.00	\$45.00		
Floodplain Ecohydraulic Modeling	\$40.00	\$45.00		
<b>FIELD TRIP - Friday, 10-20-06</b> <b>"Go With the Flow: Headwaters to the Columbia"</b> 9:00 a.m. to 3:00 p.m. Includes transportation & lunch	\$55.00	\$55.00		
<b>Total Amount</b>				

If paying by credit card (only VISA or MasterCard accepted), provide full card information. If paying by check or money order, make payable to: **Walla Walla Community College**. Mail or fax to: Walla Walla Community College, Water Conference, Attn: Gary Inman, 500 Tausick Way, Walla Walla, WA 99362 FAX 509/527-4661, telephone 509/527-4207.

### Personal Information

Name: \_\_\_\_\_

Name on Badge: \_\_\_\_\_

Organization: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Spouse/Guest Name: \_\_\_\_\_

IF PAYING BY Credit Card:  
 # \_\_\_\_\_  
 VISA ( ) MasterCard ( )  
 Expiration Date: \_\_\_\_\_

3-digit code on back of card: \_\_\_\_\_

Name as it appears on card: \_\_\_\_\_

Signature: \_\_\_\_\_

**Community Action and Innovation  
For Watershed Sustainability  
October 16 - 20, 2006  
Marcus Whitman Hotel & Conference Center - Walla Walla, Washington**

## ***SPONSORSHIP OPPORTUNITIES***

### **CONTRIBUTING CO-SPONSORS**

- **PROCEEDINGS CO-SPONSOR** **\$1,000**

A full proceedings of the papers given at the Conference's Plenary Session, Poster Session (abstracts), and Workshops (abstracts) will be published by WMC. Distribution goes to all participants and to major university libraries in the West. Co-sponsors will be recognized in the publication preface.

- **SOCIAL EVENT CO-SPONSOR** **\$500**

Your sponsorship will support luncheons, break refreshments, and Poster and Exhibit social interactions. Your organization will be recognized prominently on signage and in conference literature.

- **WATERSHED AWARD CO-SPONSOR** **\$500**

Your donation will support the John Wesley Powell Award (individual) and the Walter Loudermilk Award (organization) for Leadership in Watershed Management. Awards will be given at the Conference banquet. Co-sponsor's name will be recognized in the award announcement and on the award plaque.

- **CONFERENCE SCHOLARSHIP SPONSOR** **\$100**

Your tax-deductible contribution will allow WMC to waive the conference registration fee for a student or retiree. Scholarship Sponsors will be recognized in the conference program.

- **VENDOR DISPLAYS** **\$250**

Display space is available for spreading the message about your organization, services, products, and other opportunities in advancing the art and science of watershed management in the watersheds of the West. Vendor displays will be displayed during the poster sessions only.

- **CORPORATE DISPLAYS** **\$2500**

Display space is available for businesses and organizations interested in promoting their expertise and services throughout the entire conference. This space is located in the main lobby of the conference center and will be very visible. This is limited space and can only accommodate 6, 10ft booths. Displays may be set up on Monday morning and must be removed by 10:00 am Thursday.

**CONFERENCE CHAIR: *Dr. Charles W. Slaughter***  
**208-364-4997 [cslaugh@uidaho.edu](mailto:cslaugh@uidaho.edu)**



# Conference Agenda Oct 16-20, 2006

	Monday, 10/16	Tuesday, 10/17	Tuesday, 10/17	Wednesday, 10/18	Wednesday, 10/18	Thursday, 10/19	Thursday, 10/19	Thursday, 10/19	Friday, 10/20
8:00-8:30		Anadromous Fisheries	Throwing Money at Watershed Recovery: Does it Work	Sediment: Sources, Movement, and Storage	Cooperative Values of Water		Technical Workshop	Technical Workshop	
8:30-9:00									
9:00-9:30									
9:30-10:00		Break		Break		Policy Workshop			Field Trip
10:00-10:30	Watershed 101 Workshop Free open to the public	Timber harvest Watershed function	Throwing Money at Watershed Restoration: Does it Work?	TMDL's and Water quality	Cooperative Values of Water	One Year after St. Louis: How Are We Walking the Talk?	RIVERMORPH	Floodplain Ecohydraulics Modeling	"Go with the Flow: Headwaters to the Columbia"
10:30-11:00									
11:00-11:30									
11:30-12:00									
12:00pm-12:30	No lunch offered	Luncheon Panel "State of the Water"		Luncheon Panel "Flow for Flexibility"		No lunch offered			
12:30 - 1:00	Welcome Address								
1:00-1:30									
1:30-2:00	Plenary Session Living river corridor	Environmental Education in Watersheds	Wildfires, Fuels and community action	Plenary Session Flow for Flexibility			RIVERMORPH	Floodplain Ecohydraulics Modeling	
2:00-2:30									
2:30-3:00									
3:00-3:30		Break	Break						
3:30-4:00	Plenary Session Living river corridor	Environmental Education in Watersheds	An Inconvenient Truth, for Global Warming Video	Break					
4:00-4:30									
4:30-5:00									
5:00-5:30				Water Management Initiative Breakout Sessions					
5:30-6:00	Break	Break							
6:00-6:30	Tribal Invocation Salmon & Wine Barbeque WWCC \$20.00 Seating for 200	Poster Session Emerging opportunities innovation for sustainability		No-Host Social Hour					
6:30-7:00									
7:00-7:30		<i>Salmon Safe Wine 6:30-7:30pm</i>		Banquet "Salmon Recovery: It's About Water and Habitat, but Democracy too"					
7:30-9:00		<i>Mill Creek Alive: A Design Swap Meet 7:30-9:00pm</i>							