



*Designed to Improve Communication, Build Understanding and Foster Cooperation Between People in Agriculture, the Environment and Government*

October 18, 19 and 20, 2004  
Boise Centre on the Grove, Boise, Idaho

*Understanding Each Other and Working Together for a Better Future*

## Agriculture and Water Quality in the Pacific Northwest

# Conference Announcement

## Agriculture and Water Quality in the Pacific Northwest and "Connections", Idaho's Ground Water Technical Workshop

*Understanding Each Other and Working Together for a Better Future*

October 18, 19 and 20, 2004  
Boise Centre on the Grove, Boise, Idaho

**This conference is designed to improve communication, build understanding, and foster cooperation between people in agriculture, environmental organizations and government.**

Attendance to the conference is open to all interested individuals. Agricultural producers, agricultural industry representatives, environmental organization representatives, natural resource managers, scientists, students and private citizens are encouraged to attend and participate in presentations and panel discussions focused on issues surrounding preservation of agriculture and protection of surface and ground water quality in the Pacific Northwest.

Presentations and sessions will include viewpoints from farm owners, agribusiness representatives, government agencies and environmental organizations. Scheduled speakers and topics are listed on the back of this flyer.

**Certified Crop Advisor (CCA) Credits have been granted and are listed on the reverse side to the left of the sessions. Pesticide License Recertification Credits (Idaho, Oregon and Washington) have been applied for. Specifics will be on the website by Sept. 1.**

### WATER QUALITY WORKSHOPS

#### WIN<sup>2</sup>ME, Feed Management Education for the Agricultural Pro.

Developing a Nutrient Management Plan (NMP) to meet the new guidelines for Concentrated Animal Feeding Operations and Animal Feeding Operations (CAFO/AFO). The workshop will provide information on feed management concepts and practices that minimize the import of nutrients to the farm and provide economic and environmental sustainability as a model for development of a NMP. Participants will receive an introduction to computer models and software for strategic ration balancing, whole farm nutrient balance, and whole farm economics. Workshop participants will receive a training manual.

#### Living on the Land: "Sustainable" Course for Small-Acre Owners

A course addressing small acreage land units and urban sprawl. As communities grow, land at the urban fringes is being rezoned from large, agricultural enterprises, to parcels of one to forty plus acres maintaining some agricultural uses while attracting a more diverse population of owners. This curriculum addresses important water quality and stewardship issues and targets future leaders who will be instrumental in community decision-making.

Join a bus tour of the surrounding Valley beginning at the Idaho Department of Health's Water Lab; proceeding on to a market garden, a composting site, enjoy a dinner enroute to an early evening stop at a beef producer ranch, a horse operation, or a demonstration of Integrated Pest Management at work. Bring a camera, good walking shoes, and weather appropriate clothing. If you have a Pasture Stick and Weed ID guide, bring along these items.

#### Isotope Hydrology Class.

Two-day short course is an abbreviated version of the 5-day USGS Isotope Hydrology course. \$100 dollars, Space Limited, Contact Ed Hagan, Idaho Department of Water Resources, (208) 327-5445

**Agriculture and Water Quality Conference**  
c/o Far West Agribusiness Association  
East 111 Magnesium Road, Suite C  
Spokane, WA 99208

**October 18, 19 and 20, 2004**  
**Boise, Idaho**

## REGISTRATION FORM

*You can also register on-line at: [www.agwaterqualitynw.org](http://www.agwaterqualitynw.org)*

Name for badge: \_\_\_\_\_

Title: \_\_\_\_\_

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

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

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

Phone: (\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_ Email: \_\_\_\_\_

### Payment Information

Payment includes all sessions, breaks, and two lunches	Until Sept. 27	After Sept. 27 (door only)
<input type="checkbox"/> General Attendance	\$140	\$190
<input type="checkbox"/> Exhibitors (fee includes one attendee)	\$175	call for availability
<input type="checkbox"/> Workshop #1 (limited to 25 participants)	\$35	early registration only
<input type="checkbox"/> Workshop #2 (limited to 25 participants)	\$35	early registration only

Make check payable to **Agriculture and Water Quality Conference**. Visa and Mastercard accepted, please fill out information below for credit card payment. Call first if planning to use a purchase order. **Registration form must accompany payment (or it will be returned).**

Name on credit card \_\_\_\_\_  Visa  Mastercard

Credit Card No. \_\_\_\_\_ Exp. Date \_\_\_\_ / \_\_\_\_

Signature \_\_\_\_\_

**Payments received after September 27, 2004 will not be accepted. Registration after September 27, will occur only at the door. No refunds after September 27.**

Substitutions are allowed. If you substitute for the person registered above, please phone, Fax or e-mail by September 27, indicating the substitution. Thank You for your assistance!

### Agriculture and Water Quality Conference

c/o Far West Agribusiness Association  
East 111 Magnesium Road, Suite C  
Spokane, WA 99208 e-mail: [farwest@fwaa.org](mailto:farwest@fwaa.org)

Monday, October 18	Tuesday, October 19	Wednesday, October 20
<b>Water Quality Workshops</b> Note: The workshops cost \$35 (\$50 if not registered for conference) and are limited to the first 25 participants who register for each workshop. Registration and payment must be received before September 27. Qualifying participants will be notified of acceptance and room location prior to the conference and must be on the list in order to attend one of the workshops. See the other side of the brochure for workshop specifics.  <i>A block of rooms are reserved at the Statehouse Inn (208) 342-4622</i>  <b>5:00 p.m.–7:00 p.m. Registration desk open. Pick up your registration packet early! Avoid Tuesday morning lines.</b>	<b>7:30 a.m. - 4:45a.m Registration desk open</b> <b>9:00 a.m. - 9:15a.m Welcome - Opening Remarks</b> <b>9:15a.m - 10:00a.m Keynote Speaker:</b> Senator Mike Crapo United States Senate, Idaho <b>10:30a.m - 12:00p.m. Town Hall Session 1:</b> Panel Discussion, State Agriculture Directors <b>12:00p.m - 1:15p.m. Lunch with Speaker:</b> Dr. Philip Mote, “Already Feeling Climate Change in the PNW” <b>1:30p.m. - 4:45p.m. Concurrent Sessions</b> <b>4:45p.m. End of Day One</b>  <b>Poster session all day in the Payette River Room</b>	<b>7:30 a.m.–2:30 p.m. Registration desk open</b> <b>8:45 a.m.–9:45 a.m. Keynote Speaker:</b> Ann Klee, EPA Assistant Administrator  <b>10:15 a.m. –11:45 a.m. Town Hall Session 2:</b> Panel Discussion, NW ESA Pesticide - Water Quality Issues  <b>11:45 a.m.–1:00 p.m. Lunch with Speaker :</b> Read Smith., “Conservation for Water Quality”  <b>1:00 p.m. – 4:15 p.m. Concurrent Sessions</b> <b>4:15 p.m. – 4:30 p.m. Closing Remarks</b> <b>Door prizes will follow (must be present to win)</b>  <b>Poster session all day in the Payette River Room</b>

Time	Tuesday, October 19 – Session Schedule		
9:00 a.m.	Welcome and Keynote Speaker Senator Mike Crapo - Invited		
	BREAK 10:00 a.m.	BREAK 10:00 a.m.	BREAK 10:00 a.m.
10:30 a.m.	Town Hall Session 1 - State Agriculture Agency Directors		
	<b>A Panel Discussion Addressing: Agricultural Issues, Water Quality and Water Management</b> <b>Ray Jaendl</b> , Substitute for Director, Oregon Department of Agriculture <b>Kirk Cook</b> , Substitute for Director, Washington State Department of Agriculture <b>Patrick Takasugi</b> , Director, Idaho State Department of Agriculture		
	LUNCH 12:00 p.m. Dr. Philip Mote, Univ. of WA Research Scientist, “Is The PNW Already Feeling The Effects of Global Climate Change?”		
1:15 p.m.	Summit Room: Ground Water Protection	Salmon River Room: TMDL 1	Snake River Room: Technology 1
	<b>Detecting/Quantifying Nitrate Impacts to GW by CAFOs</b> Mark Hemingway, Geomatrix Consultants  <b>Evaluating Fecal Coliform Transport of Winter Applied Dairy Slurry</b> TD Nennich, Washington State University  <b>Does Acrylamide Monomer Percolate Below the Root Zone in PAM Treated Furrow Irrigated Fields</b> Rick Lentz, USDA ARS  <b>Preventing Wellhead Mercury Contamination</b> Patti Best, Idaho Department of Environmental Quality	<b>Achieve TMDL Bacterial Goals With Conservation Practices</b> George Boggs, Whatcom SWCD  <b>TMDL Implementation on Winchester Lake</b> Chuck Pentzer, ISCC  <b>Agricultural TMDL Prioritization, BMP Implementation in the Weiser Flat</b> Scott Koberg, IASCD  <b>Almo Riparian Restoration Project</b> Carolyn Firth, IASCD	<b>Isotopic Age Dating of Municipal Water Wells in Lewiston Basin, Implications for SWA and WHP</b> Kevin M. Brackney, Nez Perce Tribe  <b>Environmental Isotope Studies of Waste/Ground Water at Wastewater Land Treatment Sites in Idaho</b> Joe Baldwin, Idaho Dept. of Environmental Quality  <b>Results of Stable Isotope Testing to Determine GW Nitrate Sources</b> Rick Carlson, Idaho State Department of Agriculture  <b>Effects of PAM on Weed Seed and Herbicide Movement in Furrow Irrigated Dry Beans</b> Matthew J. West, USDA, ARS
	BREAK 2:45 p.m.	BREAK 2:45 p.m.	BREAK 2:45 p.m.
3:15 p.m.	Summit Room: Ground Water Issues	Salmon Room: TMDL 2	Snake River Room: Technology 2
	<b>Revising Well Const. Standards for Water Protection</b> James Rush, Rocky Mountain Environmental  <b>Modeling Well Interactions with Canals/Drains</b> RD Schmidt, Idaho Bureau of Reclamation  <b>Int. Prespective Maintaining Optimum Well Performance</b> Jim Bailey, Golder Associates Inc.  <b>Iodine-129 Conc. in E. Snake River Plain Aquifer</b> Flint Hall, Idaho INEEL	<b>Water Quality of the Snake River in Southcentral Idaho</b> Balhtasar Buhidar, Idaho Dept of Environmental Quality  <b>Characterize/Simulate Instream Temps of Lower Boise River</b> Brad Gilmore, City of Boise  <b>Addressing Phosphorus in the Lower Boise River Watershed</b> Sherril Doran, CH2MHill  <b>Cottonwood Creek TMDL Success</b> Eileen Rowan, ISCC	<b>Blended Well Water Rehabilitation Method</b> Dr. Abror Gadaev, Dept. Ecology, Samarqand, Uzbekistan  <b>Social/Econ Dimensions, Collaborative TMDL Plan/Implement</b> Lorie Higgins, University of Idaho  <b>Using Heat to Estimate Streambed Seepage in Lower Boise R.</b> Kenneth Skinner, USGS, Boise  <b>Streamstats: Web-based App to Estimate Basin Characteristics</b> Alan Rea, USGS, Boise

Time	Wednesday, October 20 – Session Schedule		
8:45 a.m.	Keynote Speaker Ann Klee, EPA Nominee for Assistant Administrator General Counsel		
	BREAK 9:45 a.m.	BREAK 9:45 a.m.	BREAK 9:45 a.m.
10:15 a.m.	Town Hall Session 2 - Northwest ESA - Pesticide - Water Quality Issues		
	<b>A Panel Discussion Addressing: ESA, Pesticide, Water Quality Issues</b> <b>Arty Williams</b> , EPA Office of Pesticide Programs Branch Chief <b>Semma Mahini</b> , Crop Life America <b>Erika Schreder</b> WA Toxics Coalition - Invited <b>Bridget Moran</b> , WA State Dept of Agriculture		
	LUNCH 11:45 a.m. Read Smith, Crop and Cattle Producer St. John, WA, “Future Conservation Challenges for Water Quality”		
1:00 p.m.	Summit Room: Government Regulation	Salmon Room: BMP Implementation	Snake River Room: Water Management
	<b>It Ain't the Fish ... It's the People</b> Rick Gruen, Clackamas Co. SWCD  <b>Trans-Boundary Water Resources in the Inland PNW</b> Bryony Stasney, Golder Associates, Inc.  <b>Fed. Columbia R. Power System Bio Opinion &amp; BOR Subbasin Habitat Program</b> Joe Spinozola, USBOR, Boise  <b>Pesticide Use Near Waterways: NPDES Permitting &amp; ESA</b> Teresa A. Hill, Stoel Rives LLP, Boise	<b>Environmental Friendly Farming: Path to WQ Protection</b> Dr. Vida Rutkoviene, Luthuanian Univ. of Agriculture  <b>Sulphur Creek/Granger Drain Water Quality Trends</b> Marie Zuroske, S. Yakima SWCD  <b>Practical Considerations for BMP Crop Prod. &amp; Sed. Control</b> Mir M. Seyedbagheri, UICES, Mountain Home  <b>Soil Quality: A Tool for BMP Effectiveness</b> Eileen Rowan, ISCC	<b>Mudlake, Idaho Evapotranspiration/Pumping Vol. Compared</b> Roger Warner, Idaho Dept of Water Resources, ID Falls  <b>Thousand Springs/Am Falls Pump Sched Monitor Results</b> Steve Burrell, Idaho Dept of Water Resources, Boise  <b>Implement Lg Scale Managed Recharge, ID E Snake R Plain</b> David Blew, IDWR  <b>F&amp;WConcerns: Large Scale Manage Recharge ID E Snake R</b> Cindy Robertson, IF&G
	BREAK 2:30 p.m.	BREAK 2:30 p.m.	BREAK 2:30 p.m.
2:45 p.m.	Summit Room: Idaho Magic Valley Panel	Salmon Room: Education	Snake River Room: Ground Water Monitoring
	<b>Idaho Magic Valley Water Management Issues &amp; Solutions</b> Laird Noh, Co-Chair, Eastern Snake Plain Aquifer Working Group  Dr. Randy MacMillan, Vice-president of Research & Environmental Affairs for Clears Springs Foods Inc.  Lynn Carlquist, Vice Chairman of the North Snake Ground Water District  Karl Dreher, Director, Idaho Department of Water Resources	<b>Nitrate Contamination of Ground Water - Greater Weiser ID</b> Dennis Lance, Weiser River SWCD  <b>Digital Atlas ID: See &amp; Teach Geology of Boise Area</b> Paul Link, ID State Univ. Dept. of Geosciences  <b>One Plan Nutrient Management Planner</b> Wayne Newbill, ID Assoc. of SCD, Boise  <b>Spectacular! Does it Have Water?</b> Roger Warner, ID Dept. of Water Resources, ID Falls	<b>13 Years of Nitrate/Pesticide Results Idaho Statewide Prog</b> Ken Neely, IDWR  <b>Nitrate/Pesticide GW Monitoring Results, 2001 - 2004</b> Gary Bahr, Idaho State Dept of Agriculture  <b>Probability Map - Portray/Prioritize Water Qual. Trends</b> John Welhan, Idaho Geologic Survey, ISU  <b>Ground Water/Pesticide Data in WA &amp; Generic PMP</b> Kirk Cook, Washington State Dept of Agriculture
	Wrap-up / Door Prizes 4:15 p.m.		