



Applying knowledge to improve water quality

Pacific Northwest

Regional Water Program

A Partnership of USDA CSREES
& Land Grant Colleges and Universities

Winter 2004
PNWWATER 030

2004 Water Quality Monitoring Workshop

The second annual **WATER QUALITY MONITORING WORKSHOP** will be held at the Canby Grove Conference Center in Canby, Oregon July 13–15, 2004. This three-day workshop is jointly sponsored by the land grant institutions in the Pacific Northwest (University of Alaska, University of Idaho, Northwest Indian College, Oregon State University, Washington State University), EPA Region 10 and USDA-CSREES. This workshop is designed for people who:

- ◆ Plan to conduct water quality training for citizens and students in the Pacific Northwest
- ◆ Plan to conduct training for groups that wish to monitor various water quality parameters
- ◆ Want to increase their skills in leading water quality monitoring programs
- ◆ Want to learn more about frequently listed TMDLs such as bacteria, dissolved oxygen, temperature and turbidity



The first 2 days (Tuesday, Wednesday) of the program will focus on technical aspects of monitoring (both classroom and hands-on sessions included):

- ◆ What do you want from your monitoring activity?
- ◆ Doing your homework — before you start monitoring
- ◆ Selecting testing methods based on intended data uses
- ◆ Factors influencing data
- ◆ Quality assurance/quality control considerations
- ◆ Data collection, storage and interpretation
- ◆ Using and presenting results



The final day (½ day Thursday) will focus on developing, managing and sustaining volunteer monitoring programs, topics to include:

- ◆ Training formats
- ◆ Retention and recognition
- ◆ Volunteer roles and potential responsibilities
- ◆ Empowering citizens with data

For information on how to register for the workshop see the web site (www.pnwwaterweb.com/vol_mon04.htm) or contact Sharon Collman at EPA at 206-553-0038 or collman.sharon@epa.gov.



Pacific Northwest Regional Water Quality Coordination Project Partners

Land Grant Universities

Alaska

Cooperative Extension Service
Contact Fred Sorensen:
907-786-6311

<http://www.uaf.edu/ces/water/index.html>

University Publications:

<http://www.alaska.edu/uaf/ces/publications/>

Idaho

University of Idaho
Cooperative Extension System
Contact Bob Mahler: 208-885-7025

<http://www.uidaho.edu/wq/wqhome.html>

University Publications:

<http://info.ag.uidaho.edu/Catalog/catalog.html>

Oregon

Oregon State University
Extension Service
Contact Mike Gamroth: 541-737-3316

<http://extension.oregonstate.edu/>

University Publications:

<http://extension.oregonstate.edu/catalog/>

Washington

Washington State University
WSU Extension

Contact Bob Simmons:
360-427-9670 ext. 690

<http://wawater.wsu.edu/>

University Publications:

<http://pubs.wsu.edu/>

Northwest Indian College
Contact: Michael Cochrane:
360-392-4299

mcochrane@nwic.edu or

<http://www.nwic.edu/>

Water Resource Research Institutes

Water and Environmental Research
Center (Alaska)

<http://www.uaf.edu/water/>

Idaho Water Resources
Research Institute
<http://www.boise.uidaho.edu/>

Institute for Water and
Watersheds (Oregon)
<http://water.oregonstate.edu/>

State of Washington
Water Research Center
<http://www.swwrc.wsu.edu/>

Environmental Protection Agency

EPA, Region 10
The Pacific Northwest
<http://www.epa.gov/r10earth/>

Office of Research and Development,
Corvallis Laboratory
<http://www.epa.gov/wed/>

For more information contact
Jan Seago at 206-553-0038 or
seago.jan@epa.gov

The Project

Land Grant Universities, Water Research Institutes, and EPA Region 10 have formed a partnership to provide research and education to communities about protecting or restoring the quality of water resources. This partnership is being supported in part by the USDA's Cooperative State Research, Education, and Extension System (CSREES).

Our Goal and Approach

The goal of this Project is to provide leadership for water resources research, education, and outreach to help people, industry, and governments to prevent and solve current and emerging water quality and quantity problems. The approach to achieving this goal is for the Partners to develop a coordinated water quality effort based on, and strengthening, individual state programs.

Our Strengths

The Project promotes regional collaboration by acknowledging existing programs and successful efforts; assisting program gaps; identifying potential issues for cross-agency and private sector collaboration; and developing a clearinghouse of expertise and programs. In addition, the Project establishes or enhances partnerships with federal, state, and local environmental and water resource management agencies, such as by placing a University Liaison within the offices of EPA Region 10.



National Water Quality Program Areas

The four land grant universities in the Pacific Northwest have aligned our water resource extension and research efforts with eight themes of the USDA's Cooperative State Research, Education, and Extension System.

1. Animal Waste Management
2. Drinking Water and Human Health
3. Environmental Restoration
4. Nutrient and Pesticide Management
5. Pollution Assessment and Prevention
6. Watershed Management
7. Water Conservation and Management
8. Water Policy and Economics

CSREES is the Cooperative States Research, Education, and Extension Service, a sub-agency of the United States Department of Agriculture, and is the federal partner in this water quality program.