

PRESIDENT'S NOTES

by Rodney Sakrison, Ph.D., President, AWRA Washington Section

The Fall Conference is rapidly approaching on Thursday, November 13 at the Seattle Art Museum. This beautiful venue was also the location of last year's conference. If the early snow storm kept you away last year, this year's conference is a second chance to enjoy the facility. The Art Museum is open Thursday evenings so you might want to take advantage of the opportunity to see the Leonardo Da Vinci exhibit. If you attended last year's conference, you heard that almost a third of the Codex Leicester concerns the movement and properties of water.

We have a truly outstanding conference in store for you. This year's theme focuses on instream flows and the competition between instream and out of stream uses. Few water professionals understand the full complexity of issues that the surround instream flows. We have brought together an impressive program of speakers. The conference is designed to explore the issues at more than a superficial level. You can expect to add significantly to your knowledge and understanding of instream flows, and gain a greater appreciation of the intense debate that is occurring over the conflicting goals of protection and utilization of surface and ground waters.

This has been a phenomenal year for the Washington Section. The new board members have jumped in with enthusiasm. We have had some great dinner meetings and memorable issues of the Newsletter. The Student Chapter at the University of Washington is entering its second year with a new group of officers. Our web page is working now as an immediate source of up-to-date information on the fall conference.

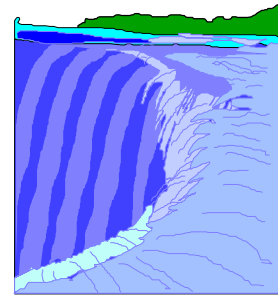
Looking forward to next year, we can expect a continuation of the positive results of 1997. Early next year we will begin planning for the 1999 National Conference. The most exciting aspect of conference planning is development of the technical program and the identification of conference themes and topics. I want to invite Washington Section members to come forward with ideas for the National Conference. Look for an announcement early next year identifying the areas where we will be looking for volunteers to assist in preparing for Seattle 1999.

Thank you for the opportunity to have served as the President of the Washington Section for the past two years. I personally feel fortunate to have been surrounded by such wonderful people during my term in office. You have made our work together a real joy. I wholeheartedly support **Adam Gravley** as the section's next President, and look forward to another tremendous year for AWRA under the guidance of the proposed nominees.

Upcoming Events

Thursday, Nov. 13, 1997
8:00 a.m. — 5:00 p.m.
1997 Fall Conference
Seattle Art Museum
(See pages 4-5 for details.)

Annual Membership Meeting and 1998 Board Member Elections to Follow Conference



Have you checked out the AWRA National Web Site? It contains information about National's activities, as well as State Section and Student Chapter news.

Ride the wave and surf the web at <http://www.awra.org/~awra>



**WASHINGTON SECTION
AWRA BOARD MEMBERS**

President: Rod Sakrison
(206)-649-7140

Vice President: Adam Gravley
(206) 623-7580

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(425) 453-5000

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Director West: Doug Pflugh
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(206) 329-0141

Director West: Fran Solomon
(206) 296-1924

Director West: Peter Sturtevant
(425) 453-5545

Director West: Karen F. Welch
(360) 734-1445

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(206) 999-9352

This newsletter is a publication of the Washington Section of the American Water Resources Association. It is published bi-monthly. This is a forum for members to share ideas and opinions; as such, opinions expressed in the AWRA Newsletter are those of the authors and do not necessarily represent the official position of the Washington Section of AWRA.

Announcements or articles are welcomed for Jan/Feb edition of the newsletter. The editor reserves the right to make changes for reasons of length, grammar, legality or clarity. The submittal due date is December 17, 1997. Contact Chris Pitre at (206) 329-0141, or send submittals directly via the following methods:

FAX: 206-329-6968
Internet Mail: chris@pgwg.com
(most document/graphic formats are acceptable)

DINNER PRESENTATION FEATURES WATER RESOURCE INFORMATION ON THE INTERNET

by Peter Sturtevant, Harding Lawson Associates

Those attending the September 25th AWRA Dinner Meeting were treated to a real-time demonstration of the extensive variety of water-related information that is now available on the Internet. Scott Knowles, Data Manager at the Tacoma Office of the United States Geological Survey (USGS), gave an interesting presentation at the meeting, which was held at the Latitude 47 Restaurant on Lake Union. Scott has been with the USGS nearly 20 years, and he has been actively involved in WEB site development since 1995. The Washington State Division of the USGS operates over 200 active stream monitoring sites. Approximately 160 of these sites have been instrumented with satellite transmission capability whereby daily or instantaneous stream flow data can be transmitted on command. This provides the capability to monitor stream flow in isolated locations. The data is also made available to the public (as Provisional Data) within a few hours via the Internet.

In many cases, the USGS will enter into an agreement with an agency, providing matching funds for specific data collection of interest to that agency. It is a cost-effective way to gather data that is directly used to address water resource and other problems. Several telemetry systems are available for remote data transmission. These systems include radio, telephone and satellite. Cellular telephone installation is cheap but can involve costly connect charges through the year. On the other hand, satellite transmission has a relatively low user cost but requires expensive equipment installation. It is anticipated that with the advent of the low-orbit satellite communication system in a few years, sponsored by Gates and McCaw, the USGS telemetry system will improve tremendously.

The USGS has established a Northwest Water Resources Web Page. This contains a comprehensive listing of federal and state sources of water-related information for the Northwest States of Washington, Alaska, Idaho and Oregon. Nearly 100 Internet addresses are listed, covering all the major federal agencies and most of the Washington State agencies. These include the USGS NAWDEX and the EPA STORET data bases, as well as climate data from the National Weather Service. The address of this WEB Page is:

<http://www.dwatcm.wr.usgs.gov/realtime/resources/hmtl#hd.r>

Scott encourages suggestions for improvements or additions to the web page and even lists an address for e-mailing such.

ANNUAL GENERAL MEMBERSHIP MEETING

Election of Board of Directors

The Washington Section's annual general membership/business meeting will be held at 5:00 p.m., after the Fall Conference on November 13th at the Seattle Art Museum. Included on the agenda will be an election for the 1998 Board of Directors. A slate of nominees has been prepared by the Nominating Committee; however, please add to this list as appropriate. Self-nominations are acceptable.

Short biographical sketches of each candidate will be available at the Fall Conference. Members current at the time of the meeting are invited to attend and participate in the election.

1998 AWRA Washington Section Board of Directors - NOMINATION BALLOT

Please nominate one person for each position. Write-in candidates (current 1997 members only) will be considered. Thank you for folding this page in half and mailing it in before November 7. The postage is prepaid.

President:	Adam Gravley, <i>Preston, Gates and Ellis</i>	<input type="checkbox"/>
	Other: _____	<input type="checkbox"/>
Vice-President:	Teresa J. Platin, <i>CH2M HILL</i>	<input type="checkbox"/>
	Other: _____	<input type="checkbox"/>
Secretary:	Peter Sturtevant, <i>Harding, Lawson Associates</i>	<input type="checkbox"/>
	Other: _____	<input type="checkbox"/>
Treasurer:	Mike Wert, <i>Shapiro & Associates</i>	<input type="checkbox"/>
	Other: _____	<input type="checkbox"/>
Director-East:	Stan Miller, <i>Spokane County Planning & Engineering</i>	<input type="checkbox"/>
	Other: _____	<input type="checkbox"/>
Directors-West:	(Nominate from 1 to 8 candidates)	
	Steve Foster, <i>US Army Corps of Engineers</i>	<input type="checkbox"/>
	Frances Soloman, <i>King County Surface Water Management</i>	<input type="checkbox"/>
	Andy Lukas, <i>Brown & Caldwell</i>	<input type="checkbox"/>
	Phil Beilin, <i>Snohomish County Information Services</i>	<input type="checkbox"/>
	Chris Pitre, <i>Pacific Groundwater Group</i>	<input type="checkbox"/>
	Gwenn Maxfield, <i>Woodinville Water District</i>	<input type="checkbox"/>
	Other: _____	<input type="checkbox"/>
	Other: _____	<input type="checkbox"/>
	Other: _____	<input type="checkbox"/>

CORPORATE SPONSOR OPPORTUNITIES AVAILABLE FOR UPCOMING CONFERENCE

The AWRA Conference at the Seattle Art Museum on November 13 will be attended by water resources professionals from a wide variety of organizations. Your organization can communicate with this select group by participating in the corporate sponsorship program. Sponsorship provides the opportunity to display a poster at the conference site, and sponsors receive recognition in the conference materials and on the web site. The Pacific Groundwater Group has generously donated resources to establish an AWRA Conference web page. Check it out: www.pgwg.com/waawra

Three levels of sponsorship are available (\$200, \$300, and \$500). These funds defray conference expenses, and help the AWRA to keep registration costs down and support student scholarships. The AWRA, Washington Section, Inc. is a non-profit corporation. For more information about sponsorship opportunities at the AWRA Conference at the Seattle Art Museum on November 13, contact **Adam Gravley** by phone at (206) 623-7580 or by email at adamg@prestongates.com.

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Teresa J. Platin
CH2M HILL
P.O. Box 91500
Bellevue, WA 98009-2050

UNIVERSITY OF WASHINGTON STUDENT CHAPTER

by Doug Pflugh, University of Washington Student Chapter President

The Chapter's year got off to an excellent start on October 8, with a well attended meeting and elections. Four new members will offset our losses from graduation attrition and also help spread the Chapter across campus. There was a productive discussion of potential speakers and topics for the coming quarters with several members volunteering to follow up on suggestions. We are planning for this year to include two lunch-time presentations (late this Fall and during Winter), a spring-time environmental stewardship project, and the joint spring social with the State Section. The meeting left me with the distinct feeling that the Chapter had been successfully established and can now precede with refinement and growth.

The following members will be guiding the chapter in its second year:

President - Erin Nelson (Environmental Engineering)
Secretary - Dan Schultz (Environmental Engineering)
Treasurer - Todd Klinka (Urban Planning)

We also had two volunteers to head up specific Chapter projects:

Internships - Tammy Kutzmark (Urban Planning)
Course List - Karen Comings (Environmental Engineering)

Let me take one last opportunity to thank all of you for the gracious support given to the Chapter this past year. As a reminder, registration in the Student Chapter is open to all UW students (State Section members are quite welcome at our events also, student or not). Annual dues are \$5.00. Any questions, suggestions, or support for the Chapter can be directed to Erin Nelson at ejnelson@u.washington.edu.

RCW SYMPOSIUM YOUR TURN TO SPEAK DRAWS DIVERSE CROWD

by Teresa J. Platin, CH2M HILL

On October 1, the Rivers Council of Washington (RCW) held Part 2 of its Watershed Planning Symposium in Tacoma, Washington. (Please see p. 10 of the August/September Newsletter for more information about the RCW.) The format for the most recent day-long discussion and networking event allowed for an introduction of special delegations in watershed planning; and a chance for attendees to hear testimony from leaders in the formation process and to participate in several concurrent sessions aimed at gathering feedback.

Reports from the Cowlitz Watershed Council, the Yakima River Watershed Council, and New England's Merrimack River Watershed Council served as inspiration to watershed leaders and community activists in attendance.

During the participatory sessions, several questions were addressed with the help of group facilitators. The discussion began with these and other questions, often leading to relevant issues that were on participants' minds.

- What will strengthen Watershed Councils' abilities to meet leadership and financial challenges?
- How will the consensus process be integrated into watershed planning?
- How can we get good information into the citizens' hands?
- Where do we get the resources to implement useful projects?

The RCW will be publishing a more thorough accounting of the day's activities, including the results from the participatory sessions. For more information, please contact A. M. Noel at the RCW (206) 283-4988.

AWRA FALL CONFERENCE: Last Chance to Register

"BALANCING INSTREAM NEEDS WITH OUT-OF-STREAM DEMANDS"

Thursday, November 13, 1997, 8 a.m. to 5 p.m., at the Seattle Art Museum

This year's Washington AWRA Fall Conference focuses on streams as the nexus of increasing competition for water resources. On the one hand, efforts by communities and government agencies to preserve and restore salmon runs and state policy regarding surface and ground water connection highlight instream flow needs. On the other hand, population and economic growth require water supply. This conference will explore management techniques, regulatory pathways and creative approaches for balancing instream needs with out-of-stream demands.

Four panels of technical experts and policy leaders will address definition of instream needs, reconciling out-of-stream demands, developing standards and techniques for resource management, mitigation (e.g. flow augmentation, ground water recharge, conjunctive uses), and specific case studies that illustrate what new approaches are being applied now to address the increasing stresses and demands on our surface water resources. This conference should significantly advance the understanding of all those interested in participating in the allocation of these water resources.

For more information on the conference, speakers, registration, the AWRA, links, and other aspects of the conference, check out the web site at www.pgwg.com/waawra. Leonardo da Vinci's famous Codex Leicester will be on exhibit at the Seattle Art Museum. The exhibit will be open until 9 p.m. the day of the conference. A reduced rate of \$5 per person will be available to conference attendees. Links to www.leonardolives.org exist on the conference web site.

Who should attend: Representatives from all levels of governments, business, and academia, including utilities, consultants, tribal communities, attorneys, technical experts, and concerned citizens involved in or interested in the management of water resources in the state of Washington.

detach & mail in registration with check

Washington AWRA 1997 Fall Conference Registration

Pre-registration (includes boxed lunch and 1998 Section Membership) - \$95
 Vegetarian preference

Student pre-registration (includes 1998 Section Membership, excludes lunch) - \$25

Walk-ins accepted as room permits (includes 1998 Section Membership, excludes lunch) - \$105.

Name _____ Title _____

Affiliation _____

Street Address _____

City _____ State _____ Zip _____

Phone (_____) _____ Fax (_____) _____

E-mail _____@_____

Please check here if you do not want to be on a list of attendees to be provided at registration.

Checks only, payable to "AWRA Washington Section". **No credit cards or purchase orders, please.**

Refunds up to November 5, 1997, less a \$10 administration fee. Please mail checks by November 5, 1997 to:

AWRA, Washington Section
c/o Mike Wert, Shapiro & Associates
101 Yesler Way, Suite 400
Seattle, WA 98104

AWRA FALL CONFERENCE PROGRAM

"BALANCING INSTREAM NEEDS WITH OUT-OF-STREAM DEMANDS"

Thursday, November 13, 1997, 8 a.m. to 5 p.m., at the Seattle Art Museum

- 8:00** Registration, coffee
- 8:45** Opening: Rod Sakrison, WAAWRA President
- 9:00** Keynote Speaker
Justice Phil Talmadge (WA Supreme Court) *"Challenges in Water Rights Issues in Washington in the 21st Century."*
- 9:45** Session A - Defining Instream Needs
"What are instream needs and how can they be better satisfied?"
Richard Kelley (King County) *"Does the current regulatory framework for protecting/managing instream flows work?"*
Dr. James Karr (Prof. of Fisheries, UW) *"What factors should regulators consider in providing for water resources needs of fish?"*
Katherine Ransel (American Rivers) *"New paradigms for stream management including the effects of rulings of the Endangered Species Act and the Clean Water Act"*
- 11:15** Session B - Reconciling the Demands
"How do we decide who gets what - including the streams?"
Ken Merry (Tacoma Public Utilities) *"Perspectives on meeting future regional water demand."*
Tom Fitzsimmons (WA Dept. of Ecology) *"Leadership, priorities, and desired outcomes."*
- 1:20** Student Awards presented by Stan Miller
- 1:30** Session C - Technical/Mitigation Concepts
"How and what is acceptable mitigation?"
Bob Tuck (Yakima Indian Nation Consultant) *"Acquisition of water for instream flows through water rights transfers and other means."*
Mark Utting (Pacific Groundwater Group) *"Management alternatives and proposed methodologies for the technical assessment of surface water-groundwater interaction."*
Terry Williams (Tulalip Indian Tribe) *"What constitutes a good mitigation package?"*
- 3:00** Session D - Solution, Strategies & Applications
"What new approaches are providing acceptable stream flows?"
Diana Gale (Seattle Public Utilities) *"Agreements-in-Principle: Green/Cedar interbasin transfers; and the Cedar Basin Habitat Conservation Plan."*
Bob Anderson (Golder Associates) *"Streamflow augmentation from the proposed North Bend aquifer development."*
Kimberly Ordon (Tulalip Indian Tribe) *"Developing mitigation elements in the Snohomish Basin."*
- 4:15-4:30** Summary & Closing Remarks
- 4:30** Adjourn
- 5:00** Membership Meeting & 1998 Board Elections

**AWRA WASHINGTON SECTION
1998 MEMBERSHIP APPLICATION**

NAME: _____
ORGANIZATION: _____
MAILING ADDRESS: _____
E-MAIL ADDRESS: _____

Check if you would like to be actively involved on a committee during 1998. You will be contacted to determine what committee involvement you would like.

1998 Membership Dues (through October 1998): \$25.00. Please make check payable to **AWRA Washington Section**. Note: Paid 1997 Fall Conference registrants are already included as 1998 members.

Mail to: American Water Resources Association, Washington Section
c/o Mike Wert, Shapiro & Associates
101 Yesler Way, Suite 400
Seattle, WA 98104

The American Water Resources Association is a scientific and educational non-profit organization established to encourage and foster interdisciplinary communication among persons of diverse backgrounds working on any aspect of water resources disciplines. Individuals interested in water resources are encouraged to participate in the activities of the Washington Section.

Special thanks to CH2M HILL, Bellevue, for their word processing and graphics support on this newsletter.

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