



The Official

Newsletter

of the Oregon Section Association of Engineering Geologists

Serving Professionals in Engineering, Environmental, and Groundwater Geology

APRIL 2003 SECTION MEETING

Oregon AEG Student Night Poster Sessions Hosted by the Portland State Student Chapter

Last year at our first Student Night twelve posters were presented and over 75 people attended, including a group of geology students from Western Oregon University! The food was good, the posters were outstanding and everybody had a great time! This year fifteen posters are being presented and we are anticipating another great turnout. More central to an engineering geology theme this year, the posters will be judged and prizes will be awarded for the exceptional presentations. This year there will be more beverages as well! **A preliminary list of poster titles include:**

Debris Flow Hazard Map Using LIDAR in the Coast Range: Julie Griswold

Soil Liquefaction Potential in Western Costa Rica: M.S. Marshall

The Geometry and Hydraulics of Englacial Conduits, Storglaciären, Sweden: Sara Frodin

Coastal Loess Deposits: G. Anthony Ordway

Well Remediation Methods: Eric Vinson

Stratigraphy of the Sandy River Delta: Beth Rapp

Williamson River sub-basin Klamath County, Oregon: Eve James

Open Source Software in the Geosciences: Aaron Fox

St. Peter's Dome Debris Flow: Kenny Janssen

Potentiometric Surface of Clatsup Plains: Eric Nielsen

Volcanic Soils and Weathering: Josh Mathisen

Volcanic Hazards Associated with Poas Volcano Costa Rica: William Lutz

Glaciers of Taylor Valley, Antarctica: Robin Johnston

Boundary Conditions in Partial Differential Equations and Applications to Groundwater Models: Chris Hofgren

Investigation of Hydraulic Conductivity in Snow on a Temperate Glacier: Hiram Henry

This Month's Meeting is on Tuesday April 15

Smith Memorial Hall Rm. 327-9 Portland State University

(between the South Park Blocks and SW Broadway, and SW Montgomery and SW Harrison)

6:00 pm Social

7:00 pm Dinner

8:00 pm Poster Presentation,
Judging and Awards

\$13.00 dinner (\$6.50 for
students).

Three-cheese lasagna, green salad, mixed vegetables, rolls, tea/coffee, and cookies. Keg Beer will be free. Bottled beer will be available at a host bar.

Call URS at 503-222-7200 by 4 pm Thurs. April 10 with your reservation. There will be a \$2.00 surcharge for those who do not reserve by the deadline. Call now!

A reservation made is a reservation paid.

DIRECTIONS: Directions and a campus map are available at:
<http://www.pdx.edu/campus>

PARKING: Parking is available on the street and in Parking

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MESSAGE FROM THE CHAIR

Last month's meeting was another great one at the Lucky Lab, where we had a full room show up to hear Willie Scott fill us in on the continuing USGS monitoring of the Cascades in the Three Sisters area and what the data is revealing.

This month our meeting will be at Portland State University to facilitate the Second Annual Student

Night, a poster session presentation by students in our section. Last year the meeting was a hit: the posters were high quality, the food was great, the mingling was refreshingly different, and **the beer was free!**

Everyone who found time to respond to the recent Oregon Bills (House Bill 2893 and Senate Bill 572) regarding redefining the

"public practice of geology", thanks for taking an active part in our profession. I'm sure we will hear more about the status of these bills at the next meeting.

Hope to see you all at PSU. Call in your reservation today.

Ruth Wilmoth
AEG Oregon Section Chair

STUDENT NIGHT *(continued from page 1)*

Structure 1, which is entered from SW 6th Ave. between SW Hall and SW Harrison. Street parking is free after 6:30 pm. Parking Structure 1 is \$2.00 until 7:00 pm, after which it is free. For alternative transportation, the Tri-Met Transit Mall runs along SW 5th and SW 6th and almost all buses pass within two blocks of Smith Memorial Center.

Beverage Sponsors: The Portland State University Chapter of AEG is seeking BEVERAGE SPONSORSHIP for the April 15 Student Night. Contributors will be recognized.

For more information, please contact Eve James at: psu_aeg@yahoo.com



Judging of Student Poster Presentations by Oregon AEG Officers, members and friends at the first Oregon AEG Student Night, April 25, 2002.

CALENDAR

April 26-29: Friends of the Pleistocene Fieldtrip on the Plains south of Astoria

May 2-4: AEG Executive Council Meeting and Mid-Year Board Meeting, Portland, Oregon

May 20 Section Meeting: Earthquakes, Faults and Ground Shaking: Understanding the Hazard, Dr. Alan Hull, Golder Associates

OREGON SECTION AEG NEWSLETTER is published monthly from September through May. Subscriptions are for members of AEG affiliated with the Oregon Section or other Sections, and other interested people who have requested and paid a local subscription fee of \$10.00. Email subscriptions are free.

News items are invited and should be sent to: Charlie Hammond, OR Section AEG Newsletter Editor, Cornforth Consultants, 10250 SW Greenburg Road, Portland, OR 97223, email: or.aeg.news @cornforthconsultants.com, phone (503) 452-1100. Electronic media is preferred. Deadline for submittal is Friday three weeks before each meeting.

Please notify Charlie if you have a change to your email or mailing address.

4TH SYMPOSIUM-HYDROGEOLOGY OF WASHINGTON STATE

APRIL 8-10!!!

You are invited to attend the 4th Symposium on the Hydrogeology of Washington State on April 8-10, at the Sheraton Convention Center in Tacoma.

The goal of the Symposium is to bring together scientists, regulators, consultants, students, and other groundwater professionals to learn and exchange ideas. The program includes 60+ speakers, two panel sessions, three keynote speakers, 20+ posters, commercial and non-profit exhibitors, two workshops and three field trips.

Featured keynote speakers are Richelle Allen-King, Frank Chapelle, and Nadine Romero. Dr. Allen King, a professor at Washington State University, is the NGWA 2003 Darcy lecturer. Her talk is titled "Ground and Surface Water Contributions to Chemical Mass Discharge: Field to Basin Scales." Dr. Frank Chapelle, from the USGS, will present "Estimating Time of Remediation Associated with Monitored Natural Attenuation." Ms. Romero will speak about "Global Water Resources and the Role of Science in Public Policy."

For oral presentations, two sessions will run concurrently over three days. Topics include Geochemistry, Hydrogeology, Water Availability, Surface-Ground Water Interaction, Modeling, Database/Decision Support, Water Quality, Public Policy, and New Technology. Posters will be available for viewing during the entire Symposium.

We have two panel sessions - one on Water Rights and the other titled "The Contemporary Hydrogeologist." There will also be an informal evening Forum on Geology - a big hit in previous years.

Two workshops will be held in conjunction with the Symposium. The first will be an 8-Hour Hazardous Waste Safety Refresher Course on Monday. The second workshop will be "Estimating Remediation Using Natural Attenuation," taught by Frank Chapelle on Thursday afternoon.

Three field trips will be offered for Symposium attendees only. The first will explore the Hydrogeology of the Hanford site. The second will tour the Columbia Basin Groundwater Management Area. Both of these will occur on Sunday and Monday

before the Symposium. The third field trip will visit two Superfund sites in the Tacoma area on Thursday afternoon after the Symposium.

If you register by March 7, 2002, the Symposium cost is \$200. The rates for students and exhibitors are \$100 and \$400, respectively. Rates increase by \$50 after that date. Each registration includes two lunches, one dinner, and break refreshments.

For the complete Symposium schedule, details on workshops and field trips, and registration information, please visit our Web site at: <http://www.ecy.wa.gov/events/hg>

Sandy Williamson, Symposium Chair, U.S. Geological Survey, Tacoma, WA (253) 428-3600 ext 2683, (253) 428-3614 fax, akwill@usgs.gov

Jim Goodrich, Symposium Vice-Chair, AGWA/AGWSE Past Chair, Vancouver, WA, (360) 202-7073, moonspun@earthlink.net

Organized by: U.S. Geological Survey, Washington State Department of Ecology, Washington Hydrologic Society, Pacific Northwest National Lab, National Ground Water Association, and others.

Reading of the Awards by Ericka Olsen, with support from AEG Members and friends at the first Oregon AEG Student Night.



SHORT NEWS ITEMS

Membership Information: If your membership information has changed, please take the time to update through the AEG Website or by contacting our Chief Staff Executive Becky Roland at (303) 757-2926 x307

Oregon Section Book: The 1998 publication "Environmental, Groundwater And Engineering Geology Applications from Oregon" Edited by Scott Burns, with articles by many Oregon Section members,

is available from Nature of the Northwest (DOGAMI Book Store at 800 NE Oregon St.), Powell's Book Store, Portland State Book Store (corner 5th and Mill), and Amazon.com.

"Seeking Old AEG Annual Directories": If anybody has any pre-1997 AEG annual directories, please email George Freitag, History Chair at gfreitag@gri.com. George is compiling our sections history.

His mailing address is: GRI Inc., 9725 SW Beaverton-Hillsdale Hwy, Beaverton, OR 97005

Receive Your Newsletter by E-Mail: PLEASE TAKE THE TIME TO SWITCH TO THE E-MAIL NEWSLETTER. This saves the Section money and simplifies the editor's job. Please send your e-mail address to or.aeg.news@cornforth-consultants.com

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Legislature Chair: position available

Continuing Education Liaison: position available

THANKS FOR SUPPORTING OREGON AEG!

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At the first Oregon AEG Student Night, Robin Johnston receives an award for best scientific content, with congratulations from Ruth Wilmot



Western Oregon University attends the first Oregon AEG Student Night. Apologies for not including your names, and thanks for participating at the event!

Michelle Cunico receives an award for best graphics at the first Oregon AEG Student Night.

