



Serving Professionals in Engineering, Environmental,  
and Ground Water Geology

OREGON SECTION

# NEWSLETTER

The Official Newsletter of the Oregon Section Association of Engineering Geologists

Mar, 2001

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## ***APRIL MEETING: NOTE – WEDNESDAY MEETING!***

Speaker: ***BOB WATTERS***  
Jahns Lecture 2001

Talk: ***“Realism in Volcano Hazard Zonation:  
Does Geoengineering Help Provide  
A More Accurate Assessment?”***

Date: **Wednesday, April 18, 2001**

Times:                   6:00 PM                   Social hour  
                              7:00 PM                   Dinner  
                              8:00 PM                   Presentation

Where: ***Lucky Labrador Pub***  
915 SW Hawthorne, Portland

Menu:                   \$10/Person (Chicken or Veggie Bento)

**Reservations:** Call David James, 503-684-3460 (ext. 230) by noon Monday (4/16/01)  
**“A reservation made is a reservation paid.”** Please call to cancel if you can not attend.  
Thank you!

## *Message from the Chair (April 2001)*

The answers to many questions regarding AEG can be found in the AEG Directory. I often find it to be a useful source, and hope that you can take a moment to read and learn a little more about the Association. Who knows, you might find a member benefit you did not know about.

March's meeting was a good opportunity for our members to meet the Association President, Rex Upp. Rex gave us a rundown on activities of the Association, many of which involve the Oregon Section members. He also told us a tremendous story about the California justice system, land use and road maintenance practices. It was an enlightening story, and a good example of forensic geology. Our dinner meetings with Association Presidents are always worth attending.

I have taken many hikes and skiing trips on the majestic peaks of the Cascade Mountains, and often find myself in awe of their beauty alongside the potential for disaster. One of these days something drastic will happen. And if you want to learn more about it, come hear Bob Watters, this years Jahns lecturer, at the Lucky Labrador on Wednesday, April 18.

Charlie Hammond  
AEG Oregon Section Chair

***Portland Engineering Geologist “ICON”  
Bob Deacon Retires after “50 years of work”  
April 1, 2001***

Many of us have observed the career of Bob Deacon over the years and highly regard him as a senior engineering geologist in the Portland Oregon area. Bob's career started in 1951 with Oregon State Highways Department. He then went back to school for his Masters Degree. Upon completion Bob went to work for Texaco and moved 11 times in 7 years all over the west and Alaska. In 1960 Bob returned to Portland with Shannon and Wilson to do engineering geology. He worked with Walt Wright there on nuclear sites all over the world. After Three Mile Island and the slow in nuclear site work, Bob returned to the petroleum geology field with ARCO (1981 – 1986) and drilled and discovered a gas well in the Mist area. From 1986 – 1987 Bob worked at Hanford with Westinghouse on a DOE contract. From 1987 to the present Bob has been a partner in Wright – Deacon Associates Inc. in Portland. Bob officially retired April 1, 2001, however it may have been an “April fools joke” because he has been working about 8 hours a day ever since trying to finish up the last of the projects he was involved with. Bob is on a one year retainer for PBS and AMEC to do “part time work.” The AMEC work has included a project in the Northern California “Bay Area” to drill a bridge site for seismic retrofit. Certainly a very impressive career and one that seems to “not really” be over even with his retirement. Congratulations Bob on such an amazing and on going career. The Oregon Section of AEG is proud to have had you as a member all these years and wishes you well in your retirement, whenever it may be! We look forward to many more meeting with you too.

Oregon Section AEG  
Newsletter Editor  
Dave Michael



AEG • AIPG • 2001  
**ASSOCIATION OF ENGINEERING GEOLOGISTS**  
INSTITUTE OF PROFESSIONAL GEOLOGISTS  
*Geology: Central to Society's Needs*  
**JOINT ANNUAL MEETING - 44<sup>th</sup> AEG • 38<sup>th</sup> AIPG**  
St. Louis, Missouri -- Hyatt Regency Union Station Hotel  
"Gateway to the West"  
September 30-October 7, 2001



# CALL FOR TECHNICAL PAPERS AND EXHIBITORS

**Come and enjoy all that the St. Louis Area has to offer!**  
**AEG•AIPG•2001 features short courses, field trips, technical sessions, symposia,  
and fun stuff!**  
**Find your way to St. Louis in 2001 !!**

## Abstract submittals due May 1, 2001

E-mail preferred: [meetings@aeg.tamu.edu](mailto:meetings@aeg.tamu.edu)  
Or submit your abstract on AEG's Web Page:  
[www.aegweb.org](http://www.aegweb.org), Annual Meeting  
Or mail with disk to:

AEG•AIPG•2001 c/o Julie Keaton  
130 Yucca Drive  
Sedona, AZ 86336-3222  
(520) 204-1553  
Fax: (520) 204-5597

## Technical Program Topics

Engineering & Environmental Geophysical Case Histories  
Environmental Practice in EPA Regions V & VII  
Geologic Solutions to Transportation Concerns:  
Highways & Waterways Groundwater Remediation  
Karst Remediation  
Midwest Geologic Hazards: Recognition & Risk Management  
New Madrid Seismic Threat  
Case Histories in Engineering Geology  
Transportation Engineering Geology  
Groundwater Investigations  
Coastal and River Engineering Geology  
Environmental Investigation & Clean-Up

(Abstract must not exceed 250 words and must include author's full name, company name, and company address below the title of the paper. We prefer that authors use Microsoft Word. Please include your daytime telephone number. See sample abstract submission form on AEG's Web Page: [www.aegweb.org](http://www.aegweb.org))

## Committee Chairs

**General Co-Chair (AEG):** Larry Rosen, [lcr@shanwil.com](mailto:lcr@shanwil.com)  
**General Chair (AIPG):** John Howard, [jthoward@theitgroup.com](mailto:jthoward@theitgroup.com)  
**Technical:** Greg Hempen, [hempen@mvs02.usace.army.mil](mailto:hempen@mvs02.usace.army.mil)  
**Professional Development:** John Bognar, [lbgstl@netscad.net](mailto:lbgstl@netscad.net)  
**Symposia:** Paul Santi, [psanti@umr.edu](mailto:psanti@umr.edu)  
**Short Courses:** Karl Finke, [nrfinkk@mail.dnr.state.mo.us](mailto:nrfinkk@mail.dnr.state.mo.us)  
**Teachers Workshop:** Martha Kopper, [mkopper@ene.com](mailto:mkopper@ene.com)  
**Financial:** C. Dale Elifrits, [cdfritz@umr.edu](mailto:cdfritz@umr.edu)  
**Hospitality/Guest Affairs:** Kerry L. Nikolaisen, [klnlbg@netscad.net](mailto:klnlbg@netscad.net)  
**Student Coordination/Logistics:** Jeff Cawfield, [jdc@umr.edu](mailto:jdc@umr.edu)  
**Field Trips:** Duane Kreuger, [dtk@geotechnology.com](mailto:dtk@geotechnology.com)  
**Sponsors:** James H. Williams, [jhwms@marktwain.net](mailto:jhwms@marktwain.net)  
**Exhibitors & Meetings Manager:** Julie C. Keaton, [meetings@aeg.tamu.edu](mailto:meetings@aeg.tamu.edu)

# ***AEG CALENDAR***

Apr. 18  
Wednesday  
AEG Oregon Section Meeting  
Speaker: Bob Watters, Jahns Lecture  
*"Realism in Volcano Hazard zonation:  
Does Geoengineering Help Provide  
A More Accurate Assessment"*  
Lucky Lab, Portland

May 17  
AEG Oregon Section Meeting  
Speaker: Larry Pierson  
TBA  
Old Market Pub

## ***Short News Items***

**Green Briefcases:** Remember those green briefcase bags that we have left over from the Seattle annual meeting? Well, now is the time to pick one or more up for \$5.00 each. That's less than you spend for lunch! People that already have one say "they were worth the old price of \$10.00 and I am going to buy another!" Get one before they are all gone!!

**E-Mail "Newsletter:"** Oregon Section AEG will not send a "Paper Copy" of the newsletter to those that the E-mail address reaches unless they request it. If you don't get the newsletter E-mail and want it that way please send me your E-mail address and I will add you to the list. This will save the Oregon Section significant costs in postage etc. To get on the E-mail list contact: Dave Michael at **dmichael@odf.state.or.us**

**AEG Homepage:** check it out: [http:// www.aegweb.org](http://www.aegweb.org)

**The Board of Geologist examiners:** 707 13<sup>th</sup>. St. SE, Suite 275 Salem, OR, 97301  
Phone (503) 566-2837, Fax (503) 362-6393 e-mail: [osbge@open.org](mailto:osbge@open.org)  
contact ***Susanna Knight***, Administrator for assistance with Board issues.

**The Awards Committee:** requests your help in announcing that nominations are now being accepted for 2001. The Awards Committee considers nominations for the following awards (for complete information, please consult the AEG Directory or website):

1. Douglas R. Piteau Outstanding Young Member Award – This award is presented to a Member or Associate Member who is age 35 or under, and has excelled in one or more of the following 3 areas: technical accomplishment, service to the Association, and service to the engineering geology profession.

2. Claire P. Holdredge Award - This award is presented for a publication by a Member(s) within the past 5 years that is judged to be an outstanding contribution to the engineering geology profession.
3. Floyd T. Johnson Service Award – This award is presented to a Member for outstanding active and faithful service to the Association over a minimum of 9 years. Board members are not eligible until 1 year after leaving office. Nominations must be validated via endorsement by 3 Members having different Section affiliations. This award is not necessarily conferred annually.

The deadline for nominations to be considered for awards in 2001 is March 30, 2001. Please send nominations to Bill Cole, AEG Awards Committee Manager, c/o Cotton, Shires and Associates, Inc., 330 Village Lane, Los Gatos, CA 95030 (or to [bcole@cottonshires.com](mailto:bcole@cottonshires.com)).

*Legislative Concepts, House Bills and Geologists:* If you read the Oregon Geologist Examiner, published by OSBGE, you might remember the Legislative Concepts (now House Bills) about removing “Professional” from the registered geologist title (House Bill 2197), complaint processing (House Bill 2106), and giving a geologist lien rights upon land or structures (House Bill 2107).

The committee reviewing HB 2197 has only heard from geologists that do not want to remove the word “professional”. If you think that it would be less confusing if the word “professional” was removed from statute (HB 2197), contact the committee chair: Rep. Jerry Krummel [Dist 27, Portions of Clackamas and Washington]. Mr Krummel’s phone number is (503) 986-1427 and email is [krummel.rep@state.or.us](mailto:krummel.rep@state.or.us)

House Bill 2106 is well into the approval process.

Committee review of HB 2107 has not heard from anybody. Without citizen involvement, this bill will not be approved!!! If you think we should have lien rights, contact the committee chair: Rep. Tim Knopp [Dist 54, Portions of Deschutes and Klamath]. Mr. Knopp’s phone number is (503) 986-1454 and email is [knopp.rep@state.or.us](mailto:knopp.rep@state.or.us)

***If you have NEWS items that you would like to include, please contact or E-mail Dave Michael – newsletter editor at [dmichael@odf.state.or.us](mailto:dmichael@odf.state.or.us)***

# **Cordilleran Section, Geological Society of America Corvallis, Oregon, May 13-15, 2002 GEOLOGY IN THE PUBLIC EYE**

## **Call for Field Trips and Session Topics**

The 98th Annual Meeting of the Cordilleran Section, Geological Society of America will be held at Oregon State University, with the Department of Geosciences as host. The site will be the new CH2M Hill Alumni Center on campus.

The meeting will be held jointly with the Northwest Energy Association, the Oregon and Washington chapters of the Association of Engineering Geologists, the Cordilleran Section of the Paleontological Society, and the National Association of Geoscience Teachers.

Field trips will precede and follow the meeting, with a comprehensive field trip guide published by the Oregon Department of Geology and Mineral Industries.

## **FIELD TRIPS PROPOSED AS OF NOVEMBER 2000**

1. Lahars, landslide dams, and flood effects, Deschutes River, Oregon: 3-day raft trip, postmeeting (Jim O'Connor, Gordon Grant)
2. Geomorphology and hydrology of the H.J. Andrews Forest watershed. 1 day (Fred Swanson, Julia Jones)
3. Paleodune age, origin, and archaeology, central Oregon coast. 2 days, overnight in Florence (Curt Peterson, Chuck Rosenfeld, Courteny Cloyd)
4. Petrology and tectonics at a propagating rift in the Oregon Cascade Range: 2-day premeeting, overnight in Redmond (Rick Conrey, Ed Taylor)
5. Bimodal volcanism and tectonism of the High Lava Plains, Oregon. 3-day postmeeting (Brennan Jordan, Martin Streck, Anita Grunder)
6. Active faults of eastern Oregon: 2 days. (Ray Weldon)
7. Landslides at Kelso, Washington, and Portland, Oregon (AEG): 1 day. (Scott Burns)
8. Stratigraphy and tectonics of the Oregon Coast Range (NWEA-AAPG). 2 days (Ray Wells, Alan Niem)
9. Josephine and Coast Range ophiolites, California-Oregon. 2 days. (Greg Harper)
10. Southwest Washington beaches and spits. 1 day. (G. Gelfenbaum)
11. Hydrogeology of Deschutes Basin, an arc-related young sedimentary basin (Dave Sherrod)

## **SPECIAL SESSIONS AND SYMPOSIA AS OF NOVEMBER 2000**

1. Presenting geology to the public in national and state parks (Bob Lillie, Carolyn Driedger)
2. The evolving Pacific Northwest landscape: Geomorphic and ecologic controls, constraints, and conundrums in the Quaternary (Gordon Grant, Steven Lancaster, Shannon Hayes)
3. 30 years of hydrogeomorphic and landscape evolution monitoring at the H.J. Andrews Research Station, western Cascades, Oregon. (Fred Swanson, Julia Jones)
4. Topographic development of the terrestrial Cascadia forearc (Andrew Meigs, Steven Lancaster)
5. Public policy, floods, aquifers, and river dynamics in the Willamette Basin, Oregon (Peter Wampler, Jim O'Connor)

6. Forearc basin development, microplate rotation, and tectonics of the Tertiary Cascadia margin (Ray Wells)
7. Hazards and risks from Cascade volcanoes Britt Hill, Ed Taylor
8. Uplift, erosion, and topography of a steady-state orogenic belt: The Olympic Mountains of Washington (Mark Brandon, Frank Pazzaglia, Sean Willett, Dave Montgomery)
9. New active fault database for the Pacific Northwest (Pat McCrory)
10. Unraveling the Tertiary stratigraphy and structure of the Pacific Northwest: Implications to hydrocarbon occurrence and underground gas storage (NWEA/AAPG theme session) (Jack Meyer, George Sharp, Bob Deacon)
11. Engineering geology case histories: State of the art and state of practice in the Northwest (AEG theme session) (Scott Burns)
12. Coastal processes: Landslides, dunes, wave erosion, and active faults and folds (Curt Peterson, Scott Burns, George Priest)
13. Active tectonics at Cascadia: Geodesy (Herb Dragert, Chris Goldfinger)
14. Active tectonics at Cascadia: Continental shelf and slope and accretionary prism (Chris Goldfinger, Bob Yeats, Bob Embley)
15. Active tectonics at Cascadia: Deformation across the plate margin onshore (Ray Weldon, Gene Humphreys, Mark Hemphill-Haley)
16. Third decadal symposium on the geology of Washington (papers to be published by the Washington Division of Geology and Earth Resources; Eric Cheney, Ray Lasmanis)
17. Symposium on the geology of Oregon in honor of George Walker (Martin Streck)
18. Geographic information science (Dawn Wright)
19. Physical volcanology, petrology, and geochemistry of the volcanic Cascades (Kathy Cashman)
20. Workshop and field trip on hydrothermal gold deposits. (John Dilles, Cy Field)
21. Tertiary biostratigraphy of the Pacific Northwest (Paleontology Society theme session and field trip; Liz Nesbitt)
22. Jurassic ophiolites of southern Oregon and northern California (Greg Harper)

#### **SHORT COURSES**

1. 3D seismic: Jack Meyer, Bob Lillie, Seismic Micro Technology: Detailed cross sections, smart contouring, and more
2. Geographic Information Science: Introduction to ArcView; GIS applications in natural resources. Michael Wing
3. Parks and plates workshop and short course. Bob Lillie

**Proposals for additional field trips should be sent to Dr. George Moore at OSU, mooreg@geo.orst.edu**  
**Proposals for technical sessions should be sent to Dr. Andrew Meigs at meigsa@geo.orst.edu**  
**Corvallis in mid-May is delightful, with rhododendrons and azaleas in bloom, good weather for field trips, a new meeting facility, reasonably priced accommodations, and fantastic geology!!**



# **AEG "Oregon Section" - OFFICERS**

Area codes are 503 unless noted:

<b>Position</b>	<b>Name</b>	<b>Telephone Daytime</b>	<b>HomeFAX</b>	
<b>Chair</b>	<i>Charlie Hammond</i>	<b>452-1100</b>	<b>274-1437</b>	<b>452-1528</b>
	<b>e-mail: chammond@cornforthconsultants.com</b>			
<b>Chair Elect</b>	<i>Andrew Harvey</i>	<b>644-9447</b>	<b>617-9486</b>	<b>643-1905</b>
	<b>e-mail: aharvey@kleinfelder.com</b>			
<b>Secretary</b>	<i>Ruth Wilmoth</i>	<b>(360) 944-7397</b>	<b>(360) 944-6985</b>	
	<b>e-mail cgivanc@aol.com</b>			
<b>Treasurer</b>	<i>Warren Krager</i>	<b>644-9447</b>	<b>684-4902</b>	<b>643-1905</b>
	<b>wkrager@kleinfelder.com</b>			
<b>Past Chair</b>	<i>Dave Michael</i>	<b>359-7448</b>	<b>357-0238</b>	<b>359-9514</b>
	<b>Newsletter</b>			
<b>Legislative</b>	<b>e-mail: dmichael@odf.state.or.us</b>			
<b>Membership</b>	<i>Tim Blackwood</i>	<b>684-3460</b>	<b>236-7792</b>	<b>620-5940</b>
	<b>e-mail: tblackwood@carlsonstesting.com</b>			
<b>Programs</b>	<i>David James</i>	<b>684-3460</b>	<b>252-3940</b>	
	<b>e-mail: djames@carlsonstesting.com</b>			

## **MEMBERSHIP**

*For application forms for Membership in AEG (Member, Associate, Affiliate, or Student), call Tim Blackwood the membership chair at (503) 684-3460 (w). He will also have copies at the monthly meetings. Membership is on a calendar year basis. If you are an AEG member, headquarters will also collect our Oregon Section dues of \$10, which just covers our newsletter costs. If you would like to subscribe to the local newsletter (comes out 9 times a year) without being an AEG member, fill out the form below and mail to Dave Michael. Note: the following form is only for people and organizations that wish to subscribe to the Oregon AEG Newsletter without being members of AEG.*

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**APPLICATION FOR OREGON SECTION, AEG "NEWSLETTER MAILINGLIST ONLY":**

**NAME** \_\_\_\_\_

**AFFILIATION:** \_\_\_\_\_

**MAILING ADDRESS:** \_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_

**Mail form and \$10 to Dave Michael c/o ODF NWOA, 801 Gales Creek Rd. Forest Grove OR 97116**

# ***ANNOUNCEMENT OF OUR NEXT MEETING***

***Apr. 18, 2001***

***AEG***

*Dave Michael, Editor  
Oregon Section, AEG  
c/o ODF NWOA  
801 Gales Creek Rd.  
Forest Grove, OR 97116*