



AEG Student Scholarship Announcement

For the Joint AEG/AWG North Olympic Peninsula Field Trip May 14-16, 2010

Question: Where can you spend quality time getting to know a group of practicing geologists while learning about the interesting geology, hydrogeology, and engineering geology of the North Olympic Peninsula?

Answer: A great AEG/AWG co-sponsored field trip to the North Olympic Peninsula scheduled for Friday, May 14 through Sunday, May 16, 2010. The 3-day field trip will visit interesting locations at Hurricane Ridge, Crescent Lake, the Elwha Watershed (Dam Removal project), and the north coastline of the Strait of Juan de Fuca, where very large, active landslides are prevalent. See the attached field trip announcement for more details and read on below for student scholarship entry information.

Three geosciences student scholarships worth \$200 each will be awarded by AEG for the joint AEG/AWG North Olympic Peninsula Field Trip. All you need to do to win is submit your **NAME, SCHOOL YOU ATTEND AND MAJOR**, and your **AEG STUDENT MEMBER NUMBER** to Doug Anderson, the AEG Field Trip Chair, at leg516@thewiredcity.net. The names of the three geosciences student scholarship recipients will be drawn at the April AEG Washington State Section Dinner Meeting at LaQuinta Inn in Tacoma by representatives of the companies sponsoring them. The student members' presence at the meeting is encouraged, but not required to win the field trip scholarship.

Yes, you must be an AEG Student Member to be eligible! What, you're not a student member of AEG? Please complete the attached student membership form, or visit the AEG website at www.aegweb.org and get signed up today for a year for only \$25! You won't want to miss this opportunity to win an AEG student field trip scholarship worth \$200.

This is what being an AEG student member did for me: *“Attending annual AEG field trips and section dinner meetings helped me network with local practicing geologists when I was a student member 15 years ago. When I finished school and began job hunting, it was clear that I had an advantage over those entry-level geologists who did not have an AEG membership. Attending professional geologist’s presentations at the monthly AEG dinner meetings and at the AEG annual field trips provided important insight into the field of geology, environmental geology, and engineering geology, preparing me for critical job interviews. Section members also helped me by telling me about upcoming geology jobs and helped me craft my resume for those career opportunities.”*

Testimonial by Doug Anderson, L.E.G., Engineering Geologist with WSDOT, and AEG WA State Section Field Trip Chair.

Still not convinced that joining AEG is the right thing for your career, then go to the **“Students”** tab on the AEG website at www.aegweb.org and click on **“Why you should join AEG”** in the scroll down menu to see what AEG can do for you.

AEG-WA Section Student Scholarship Organizers:

John deLaChapelle, Chair Golder Associates Inc. jdelachapelle@golder.com 452-883-0777	Chip Barnett, Vice Chair GeoEngineers, Inc cbarnett@geoengineers.com 425-861-6019	Fred Becker, Treasurer The Riley Group fbecker@riley-group.com 425-415-0551	Doug Anderson, Field Trip Chair WSDOT leg516@thewiredcity.net 360-480-6820
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The Washington Section of AEG and the Pacific Northwest Chapter of AWG are pleased to announce the first of a two-part annual field trip series to the Olympic Peninsula in Washington. The dates for this year’s field trip will be **Friday, May 14 through Sunday May 16, 2010**. The field trip will be **limited to 40 people**, so please don’t wait to register! Current AEG/AWG members will be given first priority.

Field Trip Description

The first field trip will focus on the north and east side of the Olympic Peninsula. Vans will originate mid-morning Friday in Bellevue at the Red Lion Inn on Main Street with a south pick up at Tacoma Community College and an island pickup at the Hood Canal Bridge Park and Ride Lot. We ask that field trippers pack a big lunch to munch on as we make our way to the Olympic Peninsula the first day.

On **Friday** afternoon, Hurricane Ridge will be the first stop of the field trip. The general geologic framework of the Olympic Mountains will be discussed by Hank Schasse (Retired DNR) and a National Park Service representative will discuss the history of Hurricane Ridge buildings and the sinuous roadway that brings us from the shoreline to the ridge. When we travel down from Hurricane Ridge, we will go to Ediz Hook, a heavily armored spit that protects the Port Angeles Harbor, to hear Dave Parks (DNR) discuss the hydrogeologic setting and related issues in the Port Angeles and Sequim areas before hearing about the relationship between Ediz Hook and the Elwha Dams from Kristin Lee (UW PhD), Anne Shaffer (WDFW), and Dick Link (BOR). From here, the people staying in Port Angeles at the Downtown Hotel will check-in while the others will head to Salt Creek Campground, approximately 15 miles west of Port Angeles, to set up camp. Hoteliers and campers will congregate at the picnic shelter at Salt Creek for a great hearth fire and catered dinner before retiring for the evening.

Saturday will start with the hoteliers meeting the campers for breakfast at the Salt Creek Campground picnic shelter before disembarking to the Olympic Peninsula Visitor’s Center Theater in Port Angeles to hear a 45 minute presentation by Dean Butterworth (NPS) about the Elwha Dam Removal. The dam removal project is scheduled to begin construction in early 2011, so this will be the last chance to access the upper portion of the drainage by road through 2014. After the presentation, we will head to the upper Elwha watershed and work our way down the drainage through the course of the day with field trip stops focusing on the watersheds history, geology, Glines Canyon Dam area slope stability issues, Elwha Dam’s historic foundation stability issues with a power house tour, sediment transport studies, freshwater and marine ecology baselines and expectations, discuss a new, unique bridge spanning the lower Elwha River reach, and the near-shore marine geomorphology and ecological communities at the mouth of the Elwha River. The lunch stop will be at the Elwha Campground. The Saturday stops will be lead by Dean Butterworth (NPS), Dick Link (BOR), Jeff Duda (USGS), Joe Donisi (Clallam County Public Works), Steve Evans and Curtis Mathis (PanGeo), Anne Schaffer (WDFW), and Dave Parks (DNR). At the end of the Elwha watershed day, hoteliers and campers will congregate at the picnic shelter again at Salt Creek for another great hearth fire, a catered dinner, and a poster session by Marley Iredale, the Washington State Science Fair winner from Sequim High School, on her work identifying tsunami deposits around Discovery Bay before retiring for the evening.

Sunday will start with the hoteliers meeting the campers for breakfast again at the Salt Creek Campground picnic shelter before heading to the north shore of the Olympic Peninsula near Twin River to learn about the geology that makes this section of the north coast so susceptible to large landslides. These stops will be lead by Hank Schasse (Retired DNR), Isabelle Sarikhan (DNR), Dave Parks (DNR), Brian Beaman (Icicle Creek Engineers), Ken Neal (Kenneth Neal & Associates), and Bill Riley, Gabriel Taylor, and Doug Anderson (WSDOT). Hopefully we will have enough time for some fossil hunting at the Clay Pit! The field trip will wrap up with stops at Crescent Lake and Lake Sutherlin to discuss the geologic history of Crescent Lake and learn about the landslide that changed the direction of drainage for Crescent Lake and formed Lake Sutherlin. Isabelle Sarikhan (DNR) will lead these stops. The vans are scheduled to drop-off at the Hood Canal Bridge Park and Ride at 4 pm, Tacoma Community College at 5:30 pm, and in Bellevue at the Red Lion Inn on Main Street at 7 pm.

AEG-WA Section Organizers:

AWG-PNW Section Organizers:

John deLaChapelle, Chair Golder Associates Inc. jdelachapelle@golder.com 452-883-0777	Doug Anderson, Field Trip Chair WSDOT leg516@thewiredcity.net 360-480-6820	Heather Vick, Chair AMEC, Inc Heather.Vick@amec.com 206-850-9248	Marcia Knadle, Vice Chair U.S. EPA – Region 10 (Seattle) Knadle.marcia@epa.gov 206-553-0119
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MEMBER BENEFITS

Networking, with colleagues at meetings, through technical publications and on the AEG web page, is a valuable professional development benefit because it allows a member to:

- ◆ Broaden and update technical, practical and business knowledge.
- ◆ Keep career paths open by assuring that the value, utility and scope of engineering geology is recognized in the scientific, technical, legal, and regulatory arenas.
- ◆ Explore numerous opportunities for career enhancement through contacts at technical meetings and in continuing education programs.
- ◆ Influence the profession of environmental and engineering geology as it serves society and as it is regulated.
- ◆ Establish the standards of the profession.

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AEG members receive our quarterly professional journal, *Environmental and Engineering Geoscience* and six-issues of the *AEG NEWS* as a regular dues benefit.

Members also enjoy a 20% “member discount” on all special publications, registration fees at meetings, short courses and field trips.

PROFESSIONAL DEVELOPMENT

*AEG -- Serving Professionals in
Environmental, Ground-Water and
Engineering Geology since 1957*

- ◆ AEG sponsors workshops and short courses for which official Continuing Education Units are offered.
- ◆ AEG encourages its members to participate in activities of mutual interest with other societies and organizations.
- ◆ The annual Richard H. Jahns Distinguished Lecturer in Engineering Geology is co-sponsored by AEG and the GSA Engineering Geology Division.
- ◆ AEG members make presentations and lead field trips for students at all levels.
- ◆ AEG’s Technical and Professional Practice Committees keep the Association in a position of influence through their wide-ranging activities.
- ◆ AEG’s 25 Sections and 20 Student Chapters provide educational and networking opportunities for members through regular meetings, field trips and local newsletters.
- ◆ Students compete for scholarships and awards, and interact with practicing professionals.
- ◆ Short courses, field trips, and technical sessions provide opportunities for AEG members to enhance their professional practice.
- ◆ International members are found in more than 20 countries and Designated Correspondents enhance technology transfer among more than a dozen countries.

MEMBERSHIP APPLICATION

ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS



The Association of Environmental & Engineering Geologists (AEG) is an international, non-profit scientific and technical society, whose 3,000 members include geologists specializing in engineering geology, environmental geology, and ground-water geology as well as other professionals in affiliated fields such as civil and mining engineering, land-use planning, public policy and education.

Through its technical and professional activities, AEG strives to promote the value and importance of geologic practice in:

- ◆ detecting, containing, and remediating contaminated soil and ground water;
- ◆ recognizing and mitigating hazardous geologic processes to promote public safety and welfare; and
- ◆ siting, planning, designing, constructing, and maintaining engineered works.

Check Us Out
www.aegweb.org

MEMBERSHIP REQUIREMENTS

MEMBER: Applicants for Member Class shall hold a degree in geology, engineering geology or geological engineering, or a degree in a related professional field with 30 semester-hours of credit in the geosciences. In addition an applicant shall be practicing in the field of Engineering Geology, Environmental Geology or Hydrogeology. Annual Dues for new (first-time) Members = \$75.00 per year for the first year of membership. Otherwise Annual Dues = \$115.00. Applicants who qualify for Member Class, but are engaged in full-time teaching at the Primary, Secondary or post-secondary level are eligible for Teacher Status (Annual Dues = \$35.00).

AFFILIATE: Applicants for Affiliate Member Class shall be scientists or engineers who work with engineering geologists; teachers engaged in middle-school and high school Earth Science education; or persons interested in engineering geology. Annual Dues = \$75.00 (Teacher Dues = \$35.00)

STUDENT: Applicants for Student Member Class shall be full-time students enrolled in an academic program in the geosciences or in a related field in engineering. Annual Dues = \$25.00

INTERNATIONAL: Applicants shall hold the same requirements as for Member Class, but may select from the following dues schedule: \$35, which includes the Environmental *and Engineering Geology Journal*; \$45 with the Journal, the Annual Directory and the Annual Meeting Abstracts; or \$55 with the Journal, Annual Directory, Annual Meeting Abstracts and the *AEG News*.

AEG memberships are based on calendar year. Applications received after October 1 will be entered for following calendar year.

APPLICATION FORM

Please complete this form and mail it with your Annual Dues payment to the Association's Headquarters office for processing. New member applicants do not pay Section dues for their initial year of membership.

Name: _____
(Please print your name as you would like it shown on your membership certificate.)

PREFERRED ADDRESS: _____

WORK PHONE: _____ **FAX:** _____

PREFERRED E-MAIL: _____

Second Address: _____

Home Phone: _____

DESIRED CLASS OF MEMBERSHIP: _____ **ANNUAL DUES AMOUNT:** _____

CERTIFICATION: _____
(Signature)

My signature attests that, to the best of my knowledge, I meet the academic and practice requirements for the membership class I have requested and that all entries on this application are true and correct. I also authorize AEG to charge my credit card for the dues payment, if I selected the credit card payment option.

Enclosed is my check for the amount of Annual Dues of \$ _____

Credit Card Payment Option

Discover Master Card Visa Amount of Dues to be charged to my card = \$ _____

Card Number: _____ Expiration Date: _____

SUBMISSION: Send this form with your check or credit card authorization to:
Association of Environmental & Engineering Geologists, PO Box 460518, Denver, CO 80246
Phone: 303-757-2926: FAX: 303-757-2969: AEG Web: www.aegweb.org