



ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS
Southern California Section
"Connecting Professionals, Practice, and the Public."

NEWSLETTER – November 2007

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Visit the Southern California Section Website: www.aegsc.org

Newsletter Editor – Steve Varnell, svarnell@fugro.com, 805-650-7000

- Meeting Date:** *****Tuesday, November 13th*****
- Location:** Steven's Steak House, 5332 Stevens Place, Commerce, California
- Time:** 6:00 p.m.-Social Hour; 7:00 p.m.-Dinner; 7:45 p.m.-Presentation
- Cost:** \$30 per person with reservations, \$35 at the door, \$15 for students with a valid Student ID
- Reservations:** Please call Peter Thams at 805-644-7976 or email pthams@wcenviro.com.
- Speaker:** **Mark Johnsson, Ph.D., C.E.G., C.H.G., Senior Engineering Geologist, California Coastal Commission**
- Topic:** **"Geohazard Criteria for Development and Redevelopment Attop Coastal Bluffs in California"**

Abstract:

In an era of sea-level rise such as has persisted on Earth for at least the past 18,000 years, the landward recession of coastal bluffs is an inevitable natural process wherever tectonic or isostatic uplift rates are lower than the rate of sea-level rise. Responsible development, and California law, requires that new structures be sited a sufficient distance landward of a coastal bluff that their stability shall be assured over their expected economic life, and that they will not require the construction of coastal armoring over that same time interval. Because coastal bluffs are dynamic, evolving landforms, establishing structural setbacks for coastal bluffs is a far more complex process than for manufactured or natural slopes not subject to erosion at the base of slope. This talk will present some of the considerations for development and redevelopment in this challenging environment.

Speaker:

Mark Johnsson is an Earth system scientist trained as a clastic sedimentary geologist. His principal professional interests are in the broad field of erosion and weathering. He is interested in geotechnical issues related to development in coastal regions, and in controls on chemical weathering and erosion in general. Johnsson has served as staff geologist for the California Coastal Commission since 2000, and in that capacity serves as a technical advisor to the Commission and its staff on geologic and geotechnical issues related to development in the coastal zone. Prior to joining the Coastal Commission, Johnsson worked as a research geologist for the U.S. Geological Survey and taught in the Earth Systems Program at Stanford and the Geology Department at Bryn Mawr College. Johnsson received his PhD from Princeton University in 1989, and continues to do research into the system controlling the composition of clastic sediments and its relationship to global geochemical cycling and landscape evolution. A California-licensed engineering geologist and hydrogeologist, Johnsson is the author of some 40 papers and books, and has advised some 15 theses and student research projects.

Chair Column

Roz Munro

We have recovered a bit from the 50th Annual Meeting and I look forward to our November Section meeting at Stevens on Tues. Nov. 13. I hope to see you there, as it is a topic that affects so many of us in Southern California.

Our Treasurer, Peter Thams, is looking into venues other than Stevens for some of our meetings. The Valley, Pasadena area, anything north of downtown are probably desirable, although if Orange County wants to weigh in, please do. Peter needs suggestions and recommendations for meeting places. This is not an easy task so please help.

At the Board of Directors meeting, held after the 50th meeting, there were a number of issues in addition to those I reported last month. I'm attaching a copy of the agenda to let you know what the Board and Executive Committee are responsible for and doing. Some additional items from the meeting, identified by the agenda designation, are as follows:

7. AEG is financially in the black, funding reserves as well as meeting expenses.
- 8.b. Marketing materials are being drafted and will be posted on the website.
9. Terry West wants to focus on students, especially student chapters.
The next Shlemon Conference will be in 2008 in Sacramento: Natural Hazardous Materials.
Terry will also focus on the Technical Working Groups.

- 9.a. The Jahns Lecturer for 2008 is John Clague. He has 4 topics available.
- 9.b. Susan Steele Weir is Chair of the National Mentor Award Committee and is looking for a third member.
- 10. The AEG Foundation is strong, but needs donations for the various funds to provide distributions for such programs as student funds, the Richard Jahns Fund, and research grants by the new fund created by the \$50,000 donation by John and Nancy Peck.
- 11.a. E&EG needs more papers, more color in the submissions. In conjunction with GSA, they want to move to an electronic version.
- 11.b. AEG News wants to expand to include more technical reports and reporting from sections and committees; also more pictures for Home Front.
Allan Shaw is retiring so we need a new editor (any volunteers?)
- 13.b. The Strategic Plan Committee needs volunteers.
- 17.a. The Bylaw revisions were approved unanimously.
- 18. The Finance Committee recommended in addition to other items, that meeting surpluses not be included in the budget.
- 19. Treasurer reported an operational deficit was made up by the NALC Conference, but would be balanced without conferences in the future.
- 21.d Document Retention Policy – This is to be in compliance with federal law and was passed unanimously. It also applies to Sections. It includes paper as well as electronic documents, including emails. Headquarters will develop a procedure for compliance.
- 22. The proposal by Salt Lake City as host of the 2012 annual was passed.
- 27. The Section/Chapter Support Committee is active. Documents can be reached at the AEG Home Page/Professional/My Member Page/My AEG Membership/Section/Chapter Support

This obviously is not an exhaustive recap of the meeting. Let me know if you have any questions.

Please read the AEG News and log on to the AEG Home Page and Southern California Section and Chapter websites to keep up on what's happening on Association, technical, professional, and legislative issues. See you this Tuesday.

Public Service Announcement

Charles Nestle

ZIP-A-DIPS Are Still Available!

How many of you have given up trying to find replacement for your faded and warped Zip-A-Dips? Zip-A-Dips are available from Don and Jeannine Lamar, who have lived in retirement in Reno for the past six years. Jeannine said that they don't plan on having any more made when they exhaust the present supply of Zip-A-Dips. She said, "It sure is nice to know that some geologists are still using ZADs."

Order your Zip-A-Dip by phone: (775) 322-5344. The price for 1 is \$4.00, or order 2-10 for \$3.50 ea., 11-49 for 3.00 ea., and 50+ for \$2.50 ea.

AGENDA – ANNUAL MEETING OF THE BOARD OF DIRECTORS

Los Angeles, CA – Studio IV

Saturday, September 29, 8AM-4:30PM – Sunday, September 30, 8AM-12PM

Continental Breakfast starts at 7:30AM Saturday and Sunday morning

8:00 – 10:00

1. Call to Order and Welcome Dorian Kuper (5 min.)
2. Roll Call Bruce Hilton (5 min.)
3. Agenda Changes Bruce Hilton (5 min.)

Information Items: These items will be reports that are posted for review prior to the meeting. The agenda item is noted for questions on the written report, but the report may not be presented/reviewed at the meeting. Please be sure to read the report PRIOR to the meeting.

4. President's Report..... Dorian Kuper (15 min.)
5. New Section Approval Dorian Kuper (15 min.)
 - a. Arizona Section
 - b. Puerto Rico Section
6. Vice President's Report..... Mark Molinari (15 min.)
7. Treasurer's Report Part A Duane Kreuger (15 min.)
 - a. Status of CPA Reviews/Tax Returns
 - b. Update on Investments — 14d
 - c. FY 2007-2008 Year-to-Date Update
8. Headquarters Report..... Becky Roland (15 min.)
 - a. Office Procedures
 - b. Section Marketing Materials
 - c. Website How-To
9. Past President's Report..... Terry West (15 min.) *d section status Arakona inechui*
 - a. 2008 Jahns Lecturer
 - b. National Mentor Award
10. AEG Foundation Report Robert Tepel (15 min.)

10:00 – 10:10 Break

10:10 – 11:30

11. Communications Committee Doug Boyer, Communication Committee Chair (15 min.)
 - a. E&EG
 - i. Additional organizations
 - b. AEG NEWS
 - c. Website
12. Society Relations Dorian Kuper (20 min.)
 - a. IAEG
 - b. GSA
 - c. AIPG
 - d. GeoCouncil
 - e. GeoInstitute
 - f. ARMA

- g. AAPG
- h. ASBOG
- i. AGI
- j. ICL
- k. DFI
- l. ADSC

- 13. Committee Reports (30 min.)
 - a. ABET Accreditation Dorian Kuper
 - b. Strategic Plan Committee Matt Morris, SPC Chair
- 14. Meeting Manager Report..... Julie Keaton (15 min.)
 - a. Annual Meetings (2007 to be presented by David Seymour for Jeff Keaton)
 - b. Landslide Conference
 - c. Continuing Education
 - d. 2008 Shlemon Conference

11:30 – 12:30 Lunch

- 15. Section Reports-Information Only (during lunch)(2-3 min. each/approx. 60 min.)

Action Items: These items require formal approval of the Board. Many items will have reports posted with the 30-day notice for review prior to the meeting. A separate form with the agenda item and suggested motion is also posted for review prior to the meeting. Please be sure to read all reports PRIOR to the meeting.

12:30 – 2:05

- 16. Joint AEG/AIPG Publication Becky Roland/William Siok, AIPG Exec. Dir. (30 min.)
- 17. Bylaw Revisions Mark Molinari/Duane Kreuger (45 min.)
 - a. Policies and Procedures
- 18. Finance Committee Report James May, Finance Committee Chair (20 min.)
 - a. Review/Acceptance of Finance Committee Report

2:05 – 2:20 Break

2:20 – 4:30

- 19. Treasurer's Report Part B Duane Kreuger (30 min.)
 - a. Review of FY 2006-2007 Financials
 - b. Review of Member Dues Structure
 - c. Future Landslide/Geohazard Conferences
- 20. Secretary's Report Bruce Hilton (10 min.)
 - a. Approval of Mid-Year BOD Meeting Minutes from Indianapolis
 - b. Review of Action Items
- 21. Governance Committee Report..... Paul Hale/Jenn Bauer (30 min.)
 - a. Acceptance of Evaluation Report from Boston Meeting
 - b. Acceptance of Evaluation Report from Indianapolis Meeting
 - c. Approval of Whistleblower Policy
- 22. Approval of the 2012 Annual Meeting Proposal Danny Horns (10 min.)
- 23. Award for Outstanding Journalism Dorian Kuper (15 min.)
- 24. Schuster Medal Criteria/Selection Committee Becky Roland (15 min.)

Add Document Retention Policy

25. Fellow Membership Dorian Kuper (20 min.)

Sunday

8:00 – 10:00

26. Advocacy Workshop..... Sunday morning (120 min.)

10:00 – 10:10 Break

10:10 – 11:50

Discussion Items: These are items that require discussion or debate in anticipation of a future decision by the Board.

27. Section/Chapter Relations..... Dorian Kuper (30 min.)

28. Closed Session Review..... Dorian Kuper (60 min.)

a. Contractor Review

i. Communicating Words and Images

ii. Julie Keaton

iii. Phoenix AMC

29. Other Business

a. Proposed Workshops for Next Meeting Bruce Hilton (10 min.)

i. Policies and Procedures

ii. Leadership Training

b. Date and Location of Next Meeting TBD, Portland, OR

30. Adjourn Formal Board Meeting

*****Announcement*****

The Board for Geologists and Geophysicists meeting is Friday, November 16, 2007 at 9:00 AM at the Palos Verdes Peninsula Center Library, located at 650 Deep Valley Drive, Rolling Hills Estates. All are encouraged to attend. The agenda is available on their website at: <http://www.geology.ca.gov/meetings/agendas/index.htm>

Chapter Meetings

Inland Empire:

For the latest information and updates, please visit <http://www.aegsc.org/chapters/inlandempire/>

Central Coast:

Monthly meetings will take place on the last Wednesday of every month at Rusty's Pizza in Goleta. Social hour begins at 6 pm, the meeting begins at 7pm.

For the latest information and updates, please visit <http://www.aegsc.org/chapters/centralcoast/>

For more information or to be added to the CA Central Coast Chapter email list, please contact Robert Urban via email at robert_urban@urscorp.com.

San Diego:

For the latest information and updates, please visit <http://www.aegsc.org/chapters/extremesocal/>

National Business Donation

- **Platinum - \$1,000**
- **Gold - \$500**
- **Silver - \$250**

Company name, address and contact information are presented in AEG News and section receives 10% of donation. A national donation does not yield a line in our local section newsletter.

**Company & Employment Advertising
Newsletter (includes SoCal website posting)**

	<u>Month</u>	<u>Year</u>
▪ Business Card	\$10	\$100
▪ ¼ Page	\$20	\$200
▪ ⅓ Page	\$30	\$300
▪ ½ Page	\$35	\$350
▪ Full Page	\$50	\$500

SoCal website posting only

\$20/month

* The deadline for submitting an advertisement for next month’s newsletter is Friday, November 30th.

YEAR 2008 CONTRIBUTORS NEEDED

Contributions from corporations and individual members are greatly appreciated. Contributors will be listed in our newsletter throughout the year and can post their logo or business card in the newsletter if so desired. Please mail contributions made out to **AEG** to our section treasurer, Peter Thams.

2008 MEMBERSHIP RENEWAL

For those of you who have not yet renewed (**the deadline was November 1**), are unsure about your membership status, or did not receive your membership dues statement, please contact AEG Headquarters at www.aegweb.org. You can renew your membership online. Please update your membership if you wish to continue to receive future issues of the newsletter.

*****NOTICE: Proposed New AEG Publication*****

**WHO'S WHO in SO CALIFORNIA ENGINEERING GEOLOGY
The Evolution of Engineering Geology in Southern California**

Have you ever wondered "Whatever happened to ___?" or "I've heard of ___, who is he?"

The undersigned have decided to try to prepare an internet publication with the above title, which will include biographies of engineering geologists in southern California. We would like you to share your biography (autobiography) with other EGs. If you have worked on an interesting project, others would like to know about it.

If we limit each autobiography to 3 pages of text, plus photos, this publication would be more than 1,000 pages long. Therefore, we plan to utilize a proposed new AEG Foundation internet website, where there is no limit to total pages, and we can use color photos. Also, this new website will be available for no-charge access, worldwide, thus spreading the word on the history and evolution of engineering geology, and southern California's immense contribution.

We suggest (not require) three criteria for inclusion: 1. That you are a CA licensed CEG; 2. That you are now or once were a member of AEG; 3. That you have enough years of professional experience to relate one or more significant projects you have worked on. We believe there are more than 250 such EGs in southern California. This will be an evolving internet site where new autobiographies can be added.

We will also include Memorial biographies of past notable geologists in southern California. So far, we have identified 30, including John Buwalda, Ian Campbell, Tom Dibblee, Rollin Eckis, Perry Ehlig, Richard Jahns, John Mann, F.L. Ransome, Charles Richter, Dottie & Marty Stout, Gene Waggoner. We will give a presentation on many of these notable geologists at AEG's 50th Anniversary Annual Meeting in September in Los Angeles.

Here is a CHECKLIST FOR YOUR AUTOBIOGRAPHY:

Complete NAME, address, phone, email; BIRTH DATE and place; UNIVERSITY(s) attended, major(s), degree(s), year(s); MILITARY service; FIRMS/AGENCIES you worked for; up to 3 significant PROJECTS you worked on; possibly relate a serious or humorous INCIDENT; a MENTOR you may wish to acknowledge; professional SOCIETIES, HONORS, AWARDS; HOBBIES; up to 5 PUBLICATIONS; PHOTOS of yourself and of projects (scanned images preferred).

So, if you wish to be included in this new internet publication, prepare your autobiography and email it with photos to: allen@hatheway.net and in the Subject box, type: So. Cal. Geologist. Or mail it to Allen Hatheway, 10256 Stoltz Dr., Rolla, MO 65401. Please, no more than 3 pages of text, single-spaced, Times New Roman, 12 pt.

Please pass this notice on to those you may know who no longer get this Newsletter.

In the spirit of camaraderie, we thank you,

Richard Proctor
Allen Hatheway
David Rogers
Larry Cann
Bob Lynn

EMPLOYMENT OPPORTUNITIES & ADVERTISING



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Company Profile

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- ✓ **LAS VEGAS:** *Asbestos & Lead Professional, Construction Field Technicians & Inspectors, Geotechnical Engineer, Project Engineer, Project Geologist, Senior Project Engineer, Staff Engineer, and Staff Geologist.*
- ✓ **OAKLAND:** *Field Special Inspectors, Environmental Project Manager, Materials Project Manager/Supervisor, Project Environmental Geologist, Scientist or Engineer, Senior Geotechnical Engineer, Senior Project Geotechnical Engineer and Staff Geotechnical Engineer.*
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- ✓ **SAN DIEGO:** *Project Engineer/Geologist, Senior Geotechnical Engineer, Staff Engineer, Construction Field and Laboratory Technicians, Information Systems Specialist, and Receptionist.*

Successful candidates should have a BS or MS degree for staff-level positions and five years or more of experience for project to senior-level positions. The candidates should be detailed oriented and have excellent verbal and written communication skills. Professional Engineer (PE) and/or Professional Geologist (PG) registrations are preferred for project or senior positions.



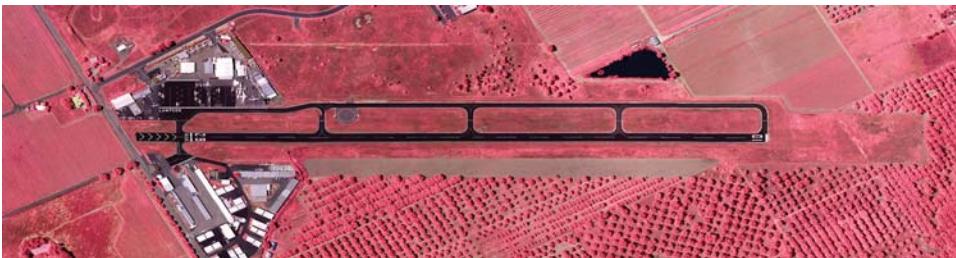
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Website - www.FocalFlight.com Email - Info@FocalFlight.com





A SHORT COURSE ON Geotechnical CONE PENETRATION TESTING

Gregg Drilling & Testing, Inc. is pleased to announce the scheduling of our 2008 short course on cone penetration testing (CPT) in geotechnical site investigations.

COURSE CONTENT

Geotechnical Site Investigation

- Liquefaction Evaluation
- Shallow Foundation Design
- Pile Design
- Other In Situ Tests
- Field Demonstration

COURSE FORMAT

The course has been designed to illustrate the principles of cone penetration testing through the evaluation of case histories and worked examples. Our new format will allow for frequent opportunities for audience participation and open discussions of technical methodologies as they apply to project scenarios.

COURSE PURPOSE

Site characterization is the basic first step for any geotechnical study. This short course will provide engineers and geologists with the knowledge and background to plan and supervise site investigations and to interpret CPT data.

COURSE ATTENDEES

The courses are intended for Geotechnical Engineers and Engineering Geologists working with liquefaction evaluation, foundation design, and geotechnical site investigation. Each attendee will earn eight (8) Professional Development Hours (PDH's) for participation in the short course.

NOTE: Environmental short course available in Concord only, visit our web site for more information.

COURSE INSTRUCTOR:

Peter Robertson, Ph.D.

Friday - MARCH 7, 2008

HYATT REGENCY - HUNTINGTON BEACH
21500 Pacific Coast Hwy.
Huntington Beach, CA 92648

8:30 a.m. to 5:00 p.m.

Registration/continental breakfast at 8:00 a.m.

Presented by:
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Phone: (562) 427-6899
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www.greggdrilling.com

ADDITIONAL COURSE LOCATION/DATE -- CONCORD: MARCH 10, 2008 (Note: Both geotechnical & environmental courses offered)
Visit our web site at www.greggdrilling.com/seminars.htm for further details and alternate registration forms.

2008 SHORT COURSE REGISTRATION FORM — HUNTINGTON BEACH

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\$195.00 - early registration fee OR \$270.00 - late registration fee

(Make checks payable to: Gregg Drilling & Testing, Inc.;
If faxing please include a copy of check)

COURSE DATE: MARCH 7, 2008

Geotechnical Site Investigation

GREGG DRILLING ATTN: Maryann Keating
2726 Walnut Ave. E-MAIL: mkeating@greggdrilling.com
Signal Hill, CA 90755

Attendee Name: _____ Title: _____ Company/Agency: _____

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Payment information must be completed for processing: (Check one) My check # _____ in the amount of \$ _____ is enclosed.

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Registration fee includes seminar, reference materials, continental breakfast, lunch, break refreshments, and hotel parking. Class size is limited; early registration is advised. On-site registration will be on a space available basis. Gregg Drilling & Testing, Inc. reserves the right to cancel any seminar. If a course must be cancelled, a full refund will be issued. If registrant is unable to attend, a charge of \$75.00 for any cancellation within 10 business days of the seminar will be assessed. No refund for cancellation within three business days of the seminar will be offered.

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PROJECT ENGINEERING GEOLOGIST: Position requires CEG registration and 5-7 years professional experience. Strong candidate will have demonstrable track record in hillside geology, slope failures/landslides, private disposal system design, hydrogeology, environmental, and fault studies. Must have experience with single-lot developments; work within budget and on time. Full-time or $\frac{3}{4}$ contract basis.

STAFF ENGINEER: Candidate will have BS (MS preferred) and 2-4 years experience in foundation design, slope stability, calculations, report writing, and project management. Experience with hydrological calculations recommended. CA PE registration desirable.

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