

ASSOCIATION OF ENGINEERING GEOLOGISTS

Southern California Section

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and Groundwater Geology Since 1957"*

NEWSLETTER - DECEMBER 2003

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Date: Tuesday, December 16, 2003
Location: Steven's Steak House, 5332 Stevens Place, Commerce, CA
Time: Social Hour: 6:00 p.m.; Dinner: 7:00 p.m.; Presentations: 7:45 p.m.
Reservations: Call (949) 253-5924 ex 564, or email Brian Villalobos, by 5:00 p.m., Friday, December 12, 2003
Cost: \$25 per person with reservations, \$30 at the door; \$12 for students with valid student ID.
Presenters: 11-15 Students from Local Universities – See Partial List of Students and their Presentation Topics below. Each student will have a poster that you can peruse at your convenience before dinner. After dinner, each student will be encouraged to give a 3 – 5 minute summary of his or her work and after-graduation intentions.

Student	School	Topic
Scott Marsic	USC	Active deformation at the Canyonlands National Park using spaceborne geodesy
David Ayres	UCLA	Pyroxene compositions in K-T Boundary impact spherules
Holly Caprio	UCLA	Research on the Andes Mountains
Robert Decesari	UCSB	Tectonic Questions in the Ross Sea, Antarctica
Marlene Duffy	UCSB	Terrestrial Hydrocarbon Seeps in California
Winnie Yeh	UCSB	Ignimbrite stratigraphy and paleovalley geomorphology, Placer County, California
Andrew Harris	UCSD	Flocculation on Detrital Remnant Mag-netization
Matt Sedor	CSULB	Work on the Guerrero Seismic Gap, Mexico
Scott Singley	CSULB	Silica phases and diagenesis of Newport Bay area
Jamie Nichols	UCR	TBA
Faten Khatib	UCSD	Paleoseismology of the South Central Lenwood Fault, Mojave Desert

Chair Column
(by Tania Gonzalez)

It is, again, that time of year when most adults are lamenting the fact that another 12 months are nearly gone. Furthermore, instead of slowing down to savor the last few weeks of the year, we rush about taking care of all those last-minute preparations for the holidays. So, we may find it difficult to even THINK of attending an AEG meeting this month, but I am here to tell you that there are several good reasons for you to come out to Stevens Steakhouse this December 16th. For starters, 11 to 15 students from local universities will be there to present the results of their research. There is quite a bit of variety in the list, and therefore, I believe there is at least one topic that will interest each and every one of you. Many of these students are also going to be graduating in the next 6 to 8 months, so if you are a recruiter for your company, this is an excellent opportunity to see how these people handle themselves in a roomful of opinionated geologists (aren't we all?). As it is, many of them have finals the week of our meeting, and yet have graciously agreed to be guest speakers. For that alone, we should all be there, encouraging the future of our profession.

In case the opportunity to expand your geologic knowledge is not enough to entice you to come out on the 16th, let me further sweeten the pot: By popular demand, we will be holding a RAFFLE! Several individuals and companies have kindly donated some items for this event. We have wine, chocolates, geologic maps and AEG publications. If you want to bring something of geologic or gastronomic interest to donate for this or future raffles, by all means, bring it along!

Last month's joint meeting with the ASCE group was a resounding success. Unfortunately, we did not get the bulk of the reservations until the day before the meeting, at which point the restaurant did the best they could to accommodate a very large number of people in what turned out to be a small room. One member aptly described it as "sardinesque." But, Dr. Bray's presentation was definitely very informative and thought provoking, making the crowded conditions well worth it. I believe that Dr. Bray was successful in conveying to the audience that we need to start looking at engineered solutions for some types of seismic ground deformation. If you missed this presentation, you can download Dr. Bray's paper from our website at www.aegsc.org.

As I mentioned in last month's newsletter, draft versions of the new Mission, Vision and Values Statements for AEG will be published in the December issue of AEGNews. These were also e-mailed last month to all members of AEG with e-mail addresses for their review and consideration. We have had a modest number of replies to our request for comments, some in favor, and

some passionately in disfavor. We appreciate the feedback, and will consider all constructive comments if posted on the AEG website by January 31, 2004 (go to www.aegweb.org, access the Members Only section by using your member ID and password, and then go into the forum section). The final versions of these statements will be used to revise the Association's bylaws and procedures, and in the development of a Strategic Plan, so your input is very important to us. Thank you!

I hope to see you on December 16th. PLEASE RSVP if at all possible. It makes it easier for the restaurant. **I WISH YOU ALL THE BEST HOLIDAYS AND A GREAT (AND SAFE) NEW YEARS!**

2004 MEMBERSHIP RENEWAL

You should have received your 2004 dues statement from AEG Headquarters by now. If you have not received it, or are unsure about your membership status or want to renew, please contact AEG Headquarters at aegweb.org, or Tania Gonzalez.

We are also currently looking for a new Membership Chair. Please contact Tania Gonzalez you wish to volunteer.

YEAR 2002-3 CONTRIBUTORS

**Earth Consultants International
Robertson Geotechnical, Inc.**

YEAR 2004 CONTRIBUTORS NEEDED

Contributions from corporations and individual members for 2004 will be 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 chair, Tania Gonzalez.

NEWSLETTER ADVERTISING

Business Card	\$10/month	\$100/year
1/2page	\$20/month	\$200/year
1/4 page	\$35/month	\$350/year
Full page	\$50/month	\$500/year

NEW SECTION MEMBERS

Please help me welcome the following new members of our section. We hope to see you at the meetings where I hope you introduce yourself to the group.

Robert Stroh
Jeffrey Wokurka
Lori Prentice
Daniel Daugherty
Teri Jenkins

Paul Peterson
Heather Hespeler
Brian Weith
Morton Price
Matthew Clarke

Jonathan Miller
Rick Viergutz
Avi Schwartz

Passing of Tony Brink

Tony Brink passed December 2nd in Cape Town, South Africa. He took ill on Thursday the 27th November. He was admitted to hospital that morning and underwent massive blood transfusions. On Saturday he was well enough for me to meet with him and show him the SAIEG Gold Medal award he was to receive at the luncheon that day. The event was held in his honor at the Brass Bell in Fish Hoek, Cape Town where he has lived in retirement for the past 10 months.

With that inimitable twinkle in his eyes he wished us well for the ceremony. On Sunday Joe de Beer and I visited him once more and gave him a card which had been filled with good wishes from those at the luncheon. I took leave of him with a heavy heart.

He was very brave and is now at rest. God bless him, and we are grateful for the life he has led and the countless people he has touched.

May he rest in peace.

Oliver Barker, President SAIEG

WINTER 2004 REVIEW COURSES for the ASBOG GEOLOGY LICENSING EXAM

The Association of Engineering Geologists is pleased to announce the Winter 2004 series of review courses for the ASBOG geology licensing exam taught by REG Review, Inc. AEG and REG Review, Inc. have partnered to provide these courses since 1992. In the Winter of 2004, review courses will be offered in Pittsburgh, PA, Madison, WI, Atlanta, GA, Kansas City, MO as well as the regular Northern and Southern California locations with a new class offered in San Diego. Course dates and locations are as follows:

Samuel Merritt College
400 Hawthorne Ave
Oakland, CA 94609
January 16, 2004, 8- 5

2721 Hotel Terrace
Santa Ana, CA 92705
January 18, 2004, 8-5

7001 Old Steubenville Pike
Oakedale, PA 15071
January 10, 2004, 8-4

Comfort Inn Airport
1955 San Diego Ave
San Diego CA 92110
January 17, 2004, 8-5

Comfort Inn Atlanta
Airport Central
4601 Best Rd, College
Park PA 30337
January 9, 2004, 8-4

Comfort Inn KCI
1200 Highway 92, Platte
City, MO 64079
January 8, 2004, 8-4

Wooley's Petite Suites

Tonidale Restaurant

Best Western East Towne
Suites

4801 Annamark Drive,

Madison, WI 53704

January 11, 2004, 8-4

California Courses are \$385 for AEG members, \$400 for nonmembers. ASBOG Courses are \$340 for AEG members, \$355 for nonmembers. Preregistration deadline for the Winter 2004 courses is December 15, 2003.

REG Review, Inc. has been teaching these courses in California since 1985. In March 2000, we began to direct our teaching towards the ASBOG geology licensing exam. The pass rate for students in classes since then has ranged from 85 to 98%. The courses are taught by Patti Sutch, California RG 3949, CEG1641, and CHG 25, and Lisa Dirth, California RG 3951, CEG 1240, and North Carolina RG by ASBOG exam.

Current information on study manuals, flash cards, and courses may be found online on REG REVIEW, Inc's website at <http://regreview.com> To contact REG REVIEW Inc.: e-mail - regreview@aol.com, mailing address – 37 Rosewell Road, Bedford, NH 03110, telephone - East Coast call Lisa Dirth at 603-472-3050, (fax) 603-471-1969. West Coast (evenings) Patti Sutch at 650-947-8899.

ENGINEERING GEOLOGY PRACTICE IN NORTHERN CALIFORNIA

Edited by Horacio Ferriz and Robert Anderson, 2001, CGS Bulletin 210, AEG Special Publication 12, 658 pgs.

Modeled after the 1992 publication, *ENGINEERING GEOLOGY PRACTICE IN SOUTHERN CALIFORNIA*, edited by B.W. Pipkin and R.J. Proctor; this new publication contains an overview of Northern California Geology. Indexed topics include landslides, faults, facilities (landfills, dams, bridges, and plants), tunnels, transportation, residential, and a “kaleidoscope” section related to environmental and seismic issues. It also contains a few projects from Southern California.

This publication is a must for your reference library. If you are interested please contact William Godwin, SF-Section Chair at whgodwin@mactec.com, or phone (707) 793-3841. The publication cost is \$85.50 + \$6.50 shipping to AEG members. Please send check payable to AEG “SF-Section”

EMPLOYMENT OPPORTUNITIES

FEMA

This position is a wonderful opportunity for anyone interested in influencing the use of GIS to communicate risk at the national level, and has experience with State and local applications.

www.fema.gov/career/get_desc.jsp?id=5080

Doug Bausch, Program Specialist

FEMA Region VIII

DFC Building 710

P.O. Box 25267

Denver, CO 80225-0267

Tel. (303) 235-4859, Fax. (303) 235-4849, Douglas.Bausch@fema.gov

Ecology and Environment, Inc.

Ecology and Environment, Inc., an international consulting firm, is seeking a geologist to fill an USEPA emergency response contract position in Long Beach or San Francisco, California. The candidate will be field-oriented with hazardous materials experience. The applicant must possess a minimum Bachelors in Geology or closely related field with at least two years experience and OSHA 40 hour training. Field experience will consist of multimedia environmental sampling, experience with air monitoring instrumentation, subsurface

sampling and logging plus driller subcontractor oversight. The applicant will have experience in writing sampling/work plans, disseminating data, and preparing final reports. The candidate will have a working knowledge of environmental regulations and USEPA analytical methods. The position requires periodic travel and on-call pager duty, office and field work related to hazardous materials investigations and removals. Emergency response, counter terrorism, GIS/GPS and radiation experience desired. Salary is dependent on relevant project experience.

Send resumes, cover letter and salary expectations to: Caren Welch at cwelch@ene.com or fax to (562) 435-6687. Please refer to our website for more information on our company at www.ene.com. No phone calls please. AA/EOE.



Petra Geotechnical, Inc. is currently seeking **geotechnical engineers, geologists, soils technicians, and deputy inspectors** at their Costa Mesa, Murrieta, San Diego, and Santa Clarita offices. Petra is a geotechnical, environmental, and materials testing firm that has provided professional earth science services throughout southern California since 1975. Typical projects include residential developments, commercial structures, educational and infrastructure facilities. We offer competitive salaries, excellent benefits, a comfortable working atmosphere, and a pleasant commute! Please submit your resume with references to Ms. Jennifer Griffin at email address jgriffin@petra-inc.com, fax number 714.668.3770, or mailing address 3185-A Airway Ave., Costa Mesa, CA 92626

ENSR International

ENSR International is currently we're looking for talented professionals who are interested in working on an exciting project in our Sacramento, Alameda, Santa Ana, and Camarillo, CA locations. To learn more about ENSR and other career opportunities, please visit our website at www.ENSR.com.

ENV America Incorporated

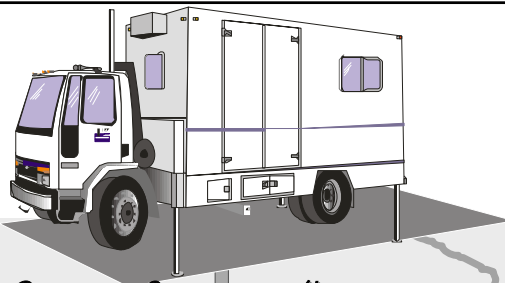
ENV America Incorporated, an environmental engineering, consulting and remedial construction company is seeking project-level geologists for offices in Irvine and San Francisco. The ideal candidate would have 4 to 10 years of experience; possess excellent writing and communication skills, degree in geology, and a willingness to periodically travel. Professional registration in California is a plus. Resumes should be sent via email to jarwood@envamerica.com.

Leighton and Associates

Leighton and Associates is seeking to fill the two positions, Project/Senior Project Geotechnical Engineer and Project/Senior Project Geologist. The employee should have PE/GE or RG/CEG registrations; 5 years of project management experience for public works and commercial/residential land development and construction projects; experience managing professional and field staff; skill in preparing proposals, reports and client presentations, and the talent for interfacing with clients from the sales efforts through project execution. Leighton offers a comprehensive flexible benefits package, visit our website www.leightongeo.com

Please email your resume to: HR@leightongeo.com

send to our corporate office at
Human Resources
Leighton and Associates
17781 Cowan Irvine, CA 92614



A SHORT COURSE ON
**The Latest Developments in
 ENVIRONMENTAL and GEOTECHNICAL
 CONE PENETRATION TESTING**



COURSE SCHEDULE/LOCATION

HUNTINGTON BEACH, CALIFORNIA
 Thursday- February 19, 2004 - Environmental
 Friday- February 20, 2004 - Geotechnical
8:30 a.m. to 5:00 p.m.
 (Registration/Continental Breakfast begins at 8:00a.m.)
HYATT REGENCY - HUNTINGTON BEACH
 21500 Pacific Coast Hwy.
 Huntington Beach, California 92648
 (714) 698-1234

WHO SHOULD ATTEND

The courses are intended for Geotechnical Engineers and Engineering Geologists working with foundation design, liquefaction, and geotechnical site investigation and Geologists, Engineers, and Environmental Professionals working with environmental site assessment and remedial design. These short courses represent 8 hours of Professional Development Hours (PDH's) per day. A certificate will be issued upon completion.

PURPOSE

Site characterization is the basic first step for any geotechnical or geo-environmental study. This short course will provide engineers and geologists with the knowledge and background to plan and supervise site investigation and to interpret CPT and SPT data. Emphasis will be given to recent advances and regulatory requirements in the area of liquefaction potential determination and remedial design considerations.

Gregg In Situ, Inc. is pleased to announce the scheduling of two short courses on the latest developments in the use of cone penetration testing (CPT) in environmental and geotechnical site investigations.

COURSE CONTENT

Thursday, February 19th

Environmental Site Investigation
 CPT Equipment and Procedures
 CPT Data Interpretation
 Field Screening Tools
 Sampling Tools
 Small Diameter Well Installations
 Injection of Remediation Compounds
 Case Studies
 Field Demonstrations

Friday, February 20th

Geotechnical Site Investigation
 CPT Equipment and Procedures
 CPT Data Interpretation
 CPT for Liquefaction Assessment
 Case Studies
 Field Demonstrations

WORKED EXAMPLES AND CASE HISTORIES WILL BE GIVEN TO ILLUSTRATE THE CONCEPTS. A COMPREHENSIVE SET OF NOTES WILL BE PROVIDED TO ASSIST WITH THE COURSE MATERIAL.

COURSE INSTRUCTORS

Peter Robertson, Ph.D., Professor of Geotechnical Engineering, University of Alberta – Dr. Robertson has more than 25 years of professional experience in geotechnical engineering for both private industry and academia. Dr. Robertson has authored many papers on the application of the CPT for geotechnical and environmental engineering. His recent research has focused on the use of CPT in liquefaction investigation.

David Woeller, P.E., President, ConeTec, Inc. – Mr. Woeller is a geotechnical engineer with more than 25 years of professional experience in geotechnical site investigation and foundation design. He has specialized in the development of CPT techniques including the seismic cone, resistivity cone and SPT energy calibration systems for use in foundation design and liquefaction investigations.

ADDITIONAL COURSE DATES -- FEBRUARY 16TH & 17TH IN SAN FRANCISCO and FEBRUARY 23RD IN SAN DIEGO
 Visit our web site at www.greggdrilling.com/seminars for further details and alternate registration forms.

SHORT COURSE REGISTRATION FORM — HUNTINGTON BEACH

Payment must be received by Jan. 16, 2004 to qualify for early registration fee.

Mail/Fax your completed registration form to:

Please indicate which seminar you plan to attend by checking the appropriate box:

Gregg In Situ, Inc. PHONE: 562-427-6899
 2726 Walnut Ave. FAX: 562-427-3314
 Signal Hill, CA 90755 E-MAIL: mkeating@greggdrilling.com

- Thursday- February 19, 2004 (Environmental only) \$175.00 early registration - \$250.00 late registration
 Friday- February 20, 2004 (Geotechnical only) \$175.00 early registration - \$250.00 late registration
 Both days- Feb. 19 & 20, 2004 (Env. & Geo.) \$275.00 early registration - \$350.00 late registration

ATTN: Maryann Keating
(Make checks payable to: Gregg In Situ, Inc.)

Attendee Name _____ Title _____ Company/Agency _____

Address _____ City, State, Zip _____

Phone _____ E-Mail Address _____

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

Charge my credit card in the amount of \$ _____ AMEX VISA MasterCard Card number: _____ Exp. Date: _____

Card holder name: _____ Billing Address: _____

Registration fee includes seminar, reference materials, continental breakfast, lunch, and break refreshments. Class size is limited; early registration is advised. On-site registration will be on a space available basis. 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. Notice of cancellation or substitution must be submitted in writing on letterhead listing attendee name and seminar date.

Do your boots get dirty?

Project/Senior Project Geotechnical Engineer
Project/Senior Project Geologist

Leighton and Associates is seeking Project and Senior Project Engineers/Geologists who have: PE/GE or RG/CEG registrations; 5 years of project management experience for public works and commercial/residential land development and construction projects; experience managing professional and field staff; skill in preparing proposals, reports and client presentations, and the talent for interfacing with clients from the sales efforts through project execution.

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or send to Human Resources in our
corporate office

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