



ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS
Southern California Section

"Connecting Professionals, Practice, and the Public."

NEWSLETTER – December 2007

Officers

Chair - Rosalind Munro, rmunro@mactec.com, 323-889-5366
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Visit the Southern California Section Website: www.aegsc.org

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

***** NO MEETING THIS MONTH *****

Next Meeting: Tuesday, January 8th, 2008



HAPPY HOLIDAYS!



Chair Column

Roz Munro

Happy Holidays Everyone

As posted above, there will not be a December meeting, but we will have our first meeting of 2008 in January. I look forward to seeing you at the start of the New Year.

Our Treasurer, Peter Thams, is still looking into venues other than Stevens for some of our meetings. Please give him suggestions and recommendations for meeting places. This is not an easy task so assistance is needed.

The 50th Annual Meeting at Universal City had the second highest annual attendance in our history, 805. Thank you to everyone who contributed and attended. I particularly want to thank those who responded to the emergency request for photos for the So Cal history poster. I couldn't have done it without your help.

You probably have noticed that there were not elections for new officers for 2007-2008. The current officers requested that they spend an additional year to better develop their ability to fulfill their roles as they move up the organizational ladder. Let me know if you have objections to this. We need volunteers for future officers.

In a related issue, only the Legislative Committee has been active recently on the Section level. I have been alarmed over the last few years by the lack of participation by the membership in the Section. It is rare that I receive a comment or response to my requests in this column, or anything else for that matter. Only 17 members voted in officer elections for 2006-2007 out of almost 500 members. Maybe this shouldn't be such a Grinch message, but I hope all of you will have time for reflection over the holidays to consider your relationship with AEG and the Southern California Section. What would you like us to be doing? I would like to have a field trip next year but I need input. Where, what type of sites or projects? Let me know.

Please read the AEG News and log on to the AEG Home Page and Southern California Section and the Central Coast, Inland Empire, and San Diego Chapter websites to keep up on what's happening on Association, technical, professional, and legislative issues.

Again, Happy Holidays and I look forward to seeing and hearing from you in 2008.

Report on the November 16, 2007 Meeting of the Board for Geologists and Geophysicists
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Peter Thams

The Board convened on November 16 at Palos Verdes Peninsula Center Library with a quorum. Board member Shayan Samii absent; all other members present.

General Business: The Executive Officer's report was given by Rick Rempel, who stated the Board was in good fiscal shape with revenues up and no pressure to increase fees. Mr. Rempel and Board member Shirley Husar attended the ASBOG Annual meeting and reported a successful meeting where the participation of the California Board was appreciated. Ms. Husar was complimentary of Dr. Rempel as a representative of California practitioners and noted that California was considered a leader in the licensing

of geologists that other states look to as a model in developing their own practice acts. California was the first state to issue licenses and currently has the most by a large margin (over 5,000 vs. 200 as a distant second). Ms. Husar is generally enthusiastic about the profession and sees a larger role for the Board, including the creation of emergency task forces and community outreach, particularly where youth can be involved.

Major Issues: The Board is currently leasing office space from the Board for Professional Engineers and Land Surveyors (BPELS). This arrangement has downsides, including direct public access to the BGG, confidentiality, and the integrity of mail delivery, that apparently can't be mitigated without physically moving the Board offices. There are contractual issues and state procurement procedures to be addressed, but the Board has directed staff to pursue new office space immediately.

The Board was asked to consider degrees in Marine Science (with emphasis on Geology) as meeting the educational requirements for licensure and to consider the individual qualifications of two applicants. In open session, the Board rejected the petition to accept the degree as categorically meeting the statutory educational requirements, but agreed to consider individual applications on a case by case basis and, in closed session, accepted the qualifications of the two individuals in attendance.

The Enforcement Oversight Committee (EOC) addressed the difficulty of enforcing standards of practice against engineers exempted from the Geologist and Geophysicists Act (Act) and sought Board direction in the implementation of the enforcement provisions of the Act against both licensees subject to the Act and those exempted from it. The Board directed staff to work with Antonette Sorrick to address conflicts and backlog issues that have historically hampered enforcement of standards of practice against engineers, and to proceed with other enforcement issues as deemed necessary. Antonette Sorrick is a Deputy Director, Internal Affairs, Dept. of Consumer Affairs.

Legislation: Senate Bill 963 sponsored by Mark Ridley Thomas, which proposes replacing automatic board sunset provisions with review procedures to be performed in committees to be created within the Department of Consumer Affairs, has been recirculated and remains active in the legislature. AB 1025 (Bass), which would have provided that a person could not be denied licensure based solely on a criminal conviction, was vetoed by the Governor.

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.

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, December 28th.

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. Biographies of 14 of these notable geologists were published for the recent AEG Annual Meeting, in "History of the Association's First 50 Years," available from AEG HQ, contact Julie Keaton or Becky Roland.

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



— engineering and constructing a better tomorrow

MACTEC Engineering and Consulting, Inc., a leading national geotechnical and environmental firm, is seeking Staff and Project Engineering Geologists for the Los Angeles office Geotechnical Division.

STAFF GEOLOGIST: The position requires a BS, MS preferred. 1 to 2 years experience is desirable. (Job ID 1251)

PROJECT GEOLOGIST: The position requires a BS, MS preferred, and minimum 3 to 5 years of experience. (Job ID 2058)

MACTEC offers excellent benefits and salary commensurate with experience. Please email, fax, or mail your resume to:

MACTEC
200 Citadel Drive
Los Angeles, CA 90040
fax (323) 889-5398
dtliu@mactec.com

Job descriptions and requirements at: <http://www.mactec.com/careers/>



**Lawson & Associates
Geotechnical Consulting, Inc.**

Lawson & Associates Geotechnical Consulting, Inc.

2045 Royal Avenue, Ste. 125
Simi Valley, CA 93065

Tele: (805) 579-3434 Fax: (805) 579-3435

Email: kesmond@lqcgeo.com

Website: www.lqcgeo.com

LGC is looking for dynamic individuals to join our team and work on some of Orange, Los Angeles, Ventura, San Bernardino, Santa Barbara and Kern Counties' most interesting and technically challenging projects. If you are an experienced geotechnical professional, or just starting your career, please do not hesitate to contact us. All inquiries will be considered in the utmost confidence. We look forward to hearing from you.

Focal Flight

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Focal Flight is based in Ventura County, CA and offers fast response aerial photography to California and most Western States. We offer both vertical and oblique photography in either natural color or near-infrared. Images can be delivered as prints, computer files or registered images for Geographic Information Systems (GIS).

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Focal Flight is a provider of images for InSiteful Imagery™, a revolutionary new on-line GIS system. InSiteful Imagery™ combines current, custom high resolution aerial photography with other GIS attributes and puts them in an easy to use online system. The result is a powerful communication system that allows multiple users to discover, confirm, measure and report items of interest.

Images can be taken at a set interval or on-demand after specific events. By applying these images with other geospatial data in an on-line system, the status of a site can be monitored anytime from anywhere in the world.



Contact - David Byrne Phone - 805-630-0065 Fax - 805-640-1394
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:
Gregg Drilling

Phone: (562) 427-6899
Fax: (562) 427-3314



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

Payment must be received by FEBRUARY 15, 2008 to qualify for early registration. Mail/Fax your completed registration form to:

\$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: _____

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 M/C Card number: _____ Exp. Date: _____

Card Holder Name: _____ Billing Address: _____

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.

JOIN NINYO & MOORE

Company Profile

Since 1986, clients have turned to Ninyo & Moore for complex geotechnical and environmental challenges. As a leading geotechnical and environmental sciences engineering and consulting firm, Ninyo & Moore provides specialized services including evaluations for airports, bridges, commercial developments, dams, educational facilities, harbor and offshore structures, highways and roadways, hospitals, industrial developments, landfills, light rail transit lines, pipelines, power stations, railroads, residential developments, reservoirs and tanks, transmission lines, tunnels, water and wastewater treatment plants to clients in both the public and private sectors. With offices in Colorado, California, Nevada, Arizona, and Texas, the firm is fully committed to being responsive, cost-efficient, and thorough in meeting its clients' project needs and objectives.

Available Positions:

- ✓ **DENVER:** *Project Engineer/Geologist, Senior Environmental Professional, Senior Geotechnical Engineer, Staff Engineer, and Staff Environmental Scientist, and Staff Geologist.*
- ✓ **IRVINE:** *Asbestos & Lead Professional, Environmental Engineer/Scientist-Air Quality Specialist, Environmental Project Manager, Project Engineer/Geologist, Senior Staff Engineer/Geologist, Senior Environmental Engineer, Staff Engineer/Geologist, and Staff Environmental Scientist.*
- ✓ **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.*
- ✓ **PHOENIX:** *Construction Field Technician, Geotechnical Engineer/Engineering Geologist, Project Environmental Scientist, Project Manager-Construction Materials Testing, Senior Environmental Professionals, and Senior Staff Environmental Scientist.*
- ✓ **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.



Ninyo & Moore offers excellent benefits and great opportunities for professional growth. Please visit our website for complete and detailed job descriptions and to submit your resume in confidence at www.ninyoandmoore.com/careers.html or mail to our corporate office at 5710 Ruffin Road, San Diego, CA 92123, Attention: Human Resources. EOE

www.ninyoandmoore.com

Ninyo & Moore is an equal opportunity employer.

APPLIED EARTH SCIENCES is a leading geotechnical, geology, and environmental consulting firm in southern California, with a diverse client base and perennially large volume of projects. We are seeking qualified professionals to join our dynamic team of engineers and scientists at our Los Angeles (Glendale) office.

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.

AES offers excellent pay, benefits, and bonuses commensurate with experience and opportunity for professional growth. Apply by emailing resume to shant@essoil.com or fax to 818-337-7215.

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