



ASSOCIATION OF ENGINEERING GEOLOGISTS
 Southern California Section

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NEWSLETTER – August 2005

Officers

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 Treasurer- Brian Villalobos, bvillalobos@petra-inc.com, (714) 549-8921
 Secretary- Rosalind Munro, RMUNRO@mactec.com, (949) 650-1018

- Meeting Date:** **Monday, August 1, 2005**
- Location:** **Double Tree Club Hotel, 7 Hutton Centre Drive, Santa Ana, CA
 (see last page for general directions)**
- Time:** **Social Hour: 6:00 PM; Dinner: 7:00 PM; Presentations: 8:00 PM**
- Reservations:** **Call (949) 442-1713 ext. 224**
- Cost:** **\$22 per person with reservations, \$12 for students, \$5 late fee**
- Presenter:** **Mr. John Parrish**
- Topic:** **California Geological Society**
- Abstract:**

"The California Geological Survey is celebrating its 125th Anniversary this year. Although it was not until 1880 that the California State Mining Bureau, predecessor to the California Geological Survey, was established, the "roots" of California's state geological survey date to an earlier time. As might be expected for a state that owed its existence to the gold rush of 1849, the Legislature recognized that geologists could provide valuable information. In 1851, one year after California was admitted to the Union, the Legislature named John B. Trask, a medical practitioner and active member of the California Academy of Sciences, as Honorary State Geologist.

In 1880 the State Mining Bureau was established by the Legislature. The establishment of the Bureau was a direct action in response to the need for information on the occurrence, mining, and processing of gold in the state. Its focus was on California's mining industry and the Governor appointed the State Mineralogist. In 1891, the Bureau published the first geologic map of the state showing eight stratigraphic units in color, along with numerous blank areas where information was lacking. The second colored geologic map of the state, published in 1916, showed 21 stratigraphic units and was accompanied by an explanatory volume

(Bulletin 72, Geologic Formations of California).

The 1960's were years of development of new programs and modernization of long-standing programs. In 1962, eighty-one years after its creation, the Division of Mines was renamed the Division of Mines and Geology (DMG). Its focus had shifted from an organization that was primarily mine-oriented to one responsible for a broader range of practical applications of geology, especially geologic and

earthquake hazards. A highlight of the decade was the completion in 1966 of the geologic mapping program.

In 2002, the name of the DMG was "changed" by the Director of the Department of Conservation to the "California Geological Survey". As the Survey enters the 21st Century, it is time to re-evaluate the CGS's purpose, programs and technologies so ensure that it remains relevant to the people of the State of California."

Speaker Biographical Information:

Mr. Parrish earned his B.S in Geology at the University of Redlands, California, his M.S. in Geology at the University of Houston, Texas. John earned his Ph.D. in Geology at the University of Wales, United Kingdom, where he performed his doctoral work on a marine geology-oceanography research project employing shipboard geological and geophysical data gathering techniques to investigate the recent sediments, bed forms and shelly fauna over 10,000 square miles of the Western Irish Sea from St. John's Point to Cahore Point, Ireland.

John held various positions as a Geologist with the Tenneco Oil Company in Denver, Oklahoma City, San Antonio, London, England, and Bakersfield. John was engaged in the exploration and development of company leaseholds in Crazy Mountain, Bull Mountain and Wheatland basins, Montana; Big Horn and Wind River basins, Wyoming; San Juan Basin, New Mexico; Williston Basin, North Dakota. He worked as a supervisor with a team of exploration geologists developing company prospects in central and western Kansas, the Anadarko Basin and Texas Panhandle, and Arkansas' Arkoma Basin. He supervised 16 professional geologists and the coordination of exploration projects in the West Texas and Permian Basin areas, and prepared and managed annual capital operating budgets in the \$25 million range, and was involved with deep drilling projects on eight wells (to 18,000 feet). In London Mr. Parrish successfully coordinated and managed offshore exploration and exploitation projects of ten geologists, geological engineers and geophysicists in British, Norwegian and Dutch North Sea areas, acted as principal technical liaison between the company and its various partners and European government ministries (Dept.'s of Energy, Defense, Fisheries, etc.), prepared and managed yearly operating capital budgets in the \$65 million range, and was involved with the development of Heather Field, the awarding of partnerships in six Norwegian offshore blocks, and the discovery of Heidrun and Smorbuck fields. Then back to the United States in Bakersfield, John's duties included both on-shore and off-shore activities including Alaska, Oregon, Washington, and California. John left Tenneco for Santa Fe Energy Resources in Bakersfield where he was responsible for the company's Pacific Division mineral exploration properties in the San Joaquin Valley and the Sacramento Valley (approximately 25,000 fee acres). He also developed exploration programs for deeper investigations below company's fee producing properties at Midway-Sunset Field.

In 1993 Mr. Parrish the petroleum industry for government with his appointment as Executive Office of the State Board of Registration for Geologists and Geophysicists. Later the following year he became the Executive Officer for the State Mining and Geology Board, where he remained until April of this year, when he was appointed to the position of State Geologist, Assistant Director of the California Geological Survey.

From the Chair

Chair Column (by **Matthew Hawley**)

[Hello Southern California Section!](#)

It's been a relatively quiet month as all our legislative issues are on hold for the time being. Bill SB228 is moving forward un-amended as we had hoped it would. Time will tell if the Governor signs it and if the Board will remain the same or become a bureau. Theoretically, if it transitions to a bureau, the functions will remain the same and only the administration will significantly differ. Hmmmm, I wonder. Time will tell.

[Chapter Officers](#)

The new Chapters ([Central Coast](#), [Inland Empire](#) and [San Diego Chapters](#)) are thriving and off to a great start. Congratulations to all of you working hard to make those groups come together.

I'm pleased to announce that the [Inland Empire Chapter](#) and [San Diego Chapter](#) have already voted for their officers for the up-coming year. Congratulations to the following people.

For the [San Diego Chapter](#) the Officers are as follows:

Jonathan Goodmacher (Ninyo & Moore), President
Steve Bradley, Treasurer
Jacques Lord (Kleinfelder), Secretary
Brian Olson (Leighton and Associates), Newsletter Editor

For the [Inland Empire Chapter](#) the Officers are as follows:

Frank Jordan (Gary Rasmussen and Associates), President
Richard 'Rick' Gundry (Bureau of Indian Affairs), Treasurer

Congratulations to all of you and thank you for your volunteerism and efforts. Terms will extend through July of 2006.

If you are interested in becoming a Chapter Officer, or are interested in volunteering for a committee or can supply other help, please contact the Chapter President who will lead you in the right direction. Contact information can be obtained on the AEGSoCal web site at www.aegsc.org.

[Section Officer](#)

I'm very pleased to announce that **Peter Thams (West Coast Environmental)** has volunteered for the position of Section Secretary. Peter is expected to take the place of **Roz Munro (MACTEC Engineering and Consulting)** who is expected to take **Brian Villalobos' (Petra Geotechnical)** former position as Treasurer. Brian has volunteered for Section Vice Chair and of course, we expect **Charles Nestle (Los Angeles Department of Public Works)** to become Section Chair. These positions should become formal in September. However, we have no meeting in September due to the annual meeting in Las

Vegas, so plan on a formal vote and swearing in session in October. It would be great if some of the Chapter officers and members could attend that meeting so you can meet the in-coming Section officers.

[Web Page](#)

Please take the time to check out the web page if you haven't lately www.aegsc.org. We are placing in new photos monthly of areas of interest to our members, and have added pages for each Chapter. Please cruise around and take a look. A big **THANK YOU** to our web master **Kerry Cato (Cato Geoscience)** for all his efforts. If you have information or a photo or other information you think would be of value to our membership, please let Kerry know so he can add it to our growing list.

[Annual Meeting](#)

The annual AEG meeting is taking place in Las Vegas this year. Please go to AEG's web page at www.aegweb.org for information on events, discussions, forums and activities that are planned. It looks to be a great event as long as you don't spend all night gambling your favorite rocks and fossils away.

[Financials](#)

Our fiscal year ended and there was both good news and bad. The bad news is that our account showed a deficit for the year (**-\$1,958.73**). This is really not where we want to be headed as a Section. However, the positive is that we raised more money this year than last year by a significant margin. Last year's income was **\$19,099.40** while this year's was **\$23,454.76**, an increase of nearly **20%**! Most of this extra income is due to the very successful field trip to La Conchita, but also includes money from contributions and advertising.

So where did the excess go? It appears that most of these moneys went to funding individuals for Sacramento lobbying efforts to fight for our profession's best interests. This year has been especially difficult considering Governor Schwarzenegger's attempts to restructure State government late last year and again early this year, the fight to keep the California Specific Examination and now with our efforts to keep the Board from sun-setting into a bureau. Commendable efforts that have paid off, but have been costly.

To help with this deficit, I ask that, if you are a decision maker in your firm or can afford to help, consider corporate or individual sponsorship of our Section. AEG SoCal has been working hard for the best interests of the profession and simply can't do it alone. We have great people who devote their off-time for the betterment of the organization and the profession as a whole, but we need additional funds.

Corporate sponsorships are tax deductible and a great way to show your support of the profession. Please seriously consider AEG SoCal as the professional charity of choice.

Below are the benefits for corporate sponsorship and we hope that you apply. Please contact Brian Villalobos (bvillalobos@petra-inc.com) for payment and Jon Relyea (**Earth Resources** jon@radiusmaps.net) to post your ad.

Prices for Corporate Sponsorship
AEG SoCal Section as of January 1, 2005

Section Sponsors

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

Platinum Sponsors Receive:

- Your company's ad in our Newsletter and on our Website for an entire year. You can modify your ad twice during this time frame.
- Your company's address and general information and a link to your company website from our website for an entire year.
- Your company is listed in the **Platinum Sponsor** portion of our Newsletter and Website.
 - A portion of your donation (\$250) is placed into our Student Outreach Fund.

Gold Sponsors Receive:

- Your company's ad in our Newsletter and on our Website for 6 months. You can modify your ad once during this time frame.
- Your company's address and general information and a link to your company website from our website for 6 months.
- Your company is listed in the **Gold Sponsor** portion of our Newsletter and Website.
- A portion of your donation (\$100) is placed into our Student Outreach Fund.

Silver Sponsors Receive:

- Your company's ad in our Newsletter and on our Website for 3 months.
- Your company's address and general information and a link to your company website from our website for 3 months.
- Your company is listed in the **Silver Sponsor** portion of our Newsletter and Website.
- A portion of your donation (\$50) is placed into our Student Outreach Fund.

Meetings

Section meetings have been poorly attended lately and I'm not too sure why. We have invited very good speakers and the presentations have been very interesting. In order to keep our Section viable and strong we need your attendance. Except for September and December, we plan to have meetings every month, so please save the date. Please look to the web site for dates and locations.

This month's meeting is a joint meeting with the South Coast Geological Society in Santa Ana and next month there is no meeting due to the annual meeting in Las Vegas.

With respect to meetings, it's back! **Student Night** at Steven's Steakhouse. Please remember to save the date of Tuesday October 11 of this year when our meeting will be another **Student Night** at Steven's Steakhouse. Last year's event was very successful and very well received by both students and attendees. Please RSVP to **Roz Munro** (rmunro@mactec.com) to let us know you'll be at this well-attended event. We will vote and

swear in the new Officers and then enjoy an evening of exciting new projects presented by up-and-coming geologists from our region.

That's it for now. As always, please stay active with **YOUR** organization, and ... **pay your dues.**

Cheers – Matthew Hawley

AEG's 50th Annual Meeting, September 24-29, 2007, Sheraton Universal, Los Angeles, CA

This announcement is intended to alert the AEG membership to the Golden Anniversary of AEG. We have been cruising along since the hotel contract was signed a few years ago, but now it the time to begin to get organized. I invite any and all who are interested to get involved. A number of tasks need to be done by AEG volunteers; however, many of the details are being handled by AEG's Meeting Planner, Julie Keaton (yes, we're related).

The first thing that needs to be done is fun. We need a meeting theme and a logo to go with it. Please start thinking of ideas as we all get ready to go to the 48th Annual Meeting "Under the Neon" in Las Vegas. At that meeting, of course, we will hear about the 49th Annual Meeting "From Till to Fill" in Boston. The Southern California Section needs to have the theme, logo, and some general ideas about technical sessions, symposia, field trips, and social events in a form to be presented to the attendees in Boston.

Another item that deserves some quality thought is AEG's Outstanding Environmental and Engineering Geologic Project Award. It does not have to be a local, Southern California project, but hey, why not think about quality projects that are in our back yard? The Outstanding Project Award in 1995 went to the West Coast Basin, Dominguez Gap, and Alamitos Seawater Intrusion Barrier System, Los Angeles, California. Check out page 49 in your January 2005 AEG News 48 (Annual Report and Directory) for past projects and criteria for nomination.

I am looking forward to working with a bunch of you Southern California Section AEG members to put on a memorable 50th Annual Meeting for the Association membership. Please feel free to get in touch with me with all of your ideas at my new address listed below.

Jeffrey R. Keaton, PhD, PE, PG
MACTEC Engineering and Consulting, Inc.

200 Citadel Drive
Los Angeles, CA 90040
phone: (323) 889-5300
cell: (323) 215-8454; e-message: 3232158454@cingularME.com
fax: (323) 889-5308
e-mail: jrkeaton@mactec.com

LAS VEGAS ANNUAL MEETING

By now all of you should have received your "Program with Abstracts" for the AEG-2005 annual meeting being held in Las Vegas, September 19-25. If you plan to attend, please remember to register by August 20 to receive discounted registration rates. Also, be sure to make your hotel registration with the Flamingo Las Vegas Hotel (702-733-3111) by August 20. Room rates are \$85, Sunday through Thursday nights, and \$125, Friday and Saturday nights. Be sure to let the Flamingo know that you are part of the "AEG" group (Group Code SFAEG5) to receive your discounted rate.

If you have any questions, please do not hesitate to contact me. I look forward to seeing you in Las Vegas in September!

Julie Keaton
Meetings Manager

DIRECTIONS TO THIS MONTH'S MEETING

General Arrival Directions

From LAX/Long Beach/Seal Beach/Fountain Valley

- Take 405 south to 55 Freeway North (toward Riverside), Exit at first exit (Mac Arthur Blvd). Turn left (West) on MacArthur. Make first available left at Hutton Center Drive. Hotel is one block down on the left.

From Los Angeles

(Near Dodger Stadium)/Burbank/Buena Park

- Take 5 Freeway south to 55 Freeway south (toward Newport), off at Mac Arthur Blvd. Turn right (west) at MacArthur, and then make first available left at Hutton Center. Hotel is one block down Hutton Centre Drive on the left.

From San Diego/Oceanside/Mission Viego

- Take 5 Freeway north to 405 Freeway north to 55 Freeway north (toward Riverside), off at Mac Arthur Blvd. Turn left (west) on MacArthur. Make first available left at Hutton Center Drive. Hotel is one block down on the left.

From Newport Beach

- Take 55 Freeway north (toward Riverside) off at Mac Arthur Blvd. Turn left (west) on MacArthur. Make first available left at Hutton Centre Drive. Hotel is one block down on the left.

From Riverside/Yorba Linda

- Take 91 west to 55 Freeway south (toward Newport) off at Mac Arthur Blvd. Turn right (west) on MacArthur. Make first available left at Hutton centre drive. Hotel is one block down Hutton Centre, on the left.

From Diamond Bar/Fullerton/Anaheim

- Take 57 Freeway south to 5 Freeway south to 55 Freeway south (toward Newport), off at Mac Arthur Blvd. Turn right (west) on MacArthur. Make first available left at Hutton Centre Drive. Hotel is one block down Hutton Centre Drive on the left.

Please visit the Hotel website for further information, www.dtcluborange.com

Section Business Donation

- Platinum - \$500
- Gold - \$250
- Silver - \$125

Company receives a line in the section newsletter giving their name or their company name under the appropriate metallic heading.

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

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

* The deadline for submitting an advertisement for next month’s newsletter is Friday, August 26.

YEAR 2005 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, Brian Villalobos.

2005 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.

EMPLOYMENT OPPORTUNITIES & ADVERTISING



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@lgcgeo.com

1319 Calle Avanzado
San Clemente, CA 92673
Tele: (949) 369-6141 Fax: (949) 369-6142
Email: info@lgcgeo.com

Website: www.lgcgeo.com

LGC is looking for dynamic individuals to join our team and work on some of southern California's 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.



Petra Geotechnical is currently seeking experienced geotechnical engineers, geologists, environmental scientists and soils technicians in our Costa Mesa, Santa Clarita, Murrieta and San Diego offices. We offer competitive salaries and excellent benefits. Please contact Linda Becker, Human Resources Manager, at 714/549-8921 or submit your resume by email to lbecker@petra-inc.com

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Eberhart / United Consultants, a southern California geotechnical consulting firm serving its clients for over 25 years, has the following career opportunities:

PROJECT GEOLOGIST: position requires BS with 3 years experience in public/civil works, commercial and residential projects. Duties include field mapping, subsurface exploration, office analysis, proposal and report preparation, and project management.

SENIOR ENGINEERING GEOLOGIST: position requires CEG registration and 8 years experience in public/civil works, commercial and residential projects. Duties include managing/performing geologic investigations, field mapping, subsurface exploration, office analysis, proposal and report preparation, and project management.

We offer a competitive compensation & benefits package for qualified candidates. For immediate consideration, mail, FAX, or email your resume & salary history to:

Eberhart / United Consultants
1031 Segovia Circle
Placentia, CA 92870
FAX (714) 632-0955
dre@euc-inc.com

PACIFIC SOILS ENGINEERING, INC.

"Pacific Soils Engineering, Inc., is seeking a project level engineering geologist with 3+ years of hillside grading experience. Tasks to include management of large mass grading projects in Los Angeles/Orange/Ventura Counties. Must demonstrate a thorough knowledge of current grading standards and geologic engineering principles, possess good verbal communication and writing skills, and be able to direct field technicians and grading personnel. Registration not required. Please fax resume to 714/220-9589, or email: info@pacificsoils.com, attention Manager of Geologic Services."

GEOISOILS CONSULTANTS, INC.

"Staff Level Geologist: Geosoils Consultants, Inc. is looking for a staff level engineering geologist for work on a variety of engineering projects in Los Angeles/Ventura Counties. Geosoils Consultants, Inc., is located in Van Nuys, California. Contact George Larson, Rudy Ruberti or Dave Sherman for further information. 818-785-2158.



Due to our continuing growth and success with our private and public sector clients, **Zeiser Kling Consultants, Inc.** is seeking self-motivated individuals to build on our reputation of providing high quality geotechnical services. Successful candidates for the positions described below should have excellent written and oral communication skills, ability to work effectively within a project team, and a willingness to work on diverse technically challenging projects within Southern California and surrounding areas. We offer a competitive compensation package, including a flexible health insurance plan, profit sharing bonuses, a 401(k) with employer matching, a 9/80 work week (for office staff), paid vacation and sick time, and a family-friendly work environment. Prospective employees would be located in either our Santa Ana or Riverside offices. We are currently seeking to fill the following positions:

Staff/Senior Staff Geotechnical Engineer/Engineering Geologist

0 to 3 years experience, BS in civil engineering (MS a plus), EIT certificate, familiarity with slope stability and liquefaction calculations.

Project Geotechnical Engineer/Engineering Geologist

3 to 6 years experience in geotechnical consulting, California PE or PG registration (GE or CEG a plus), project management, project planning, excellent report and proposal writing capability.

Engineering Technician

2 to 4 years experience in grading and post grading projects, good written and oral communication skills. NICET and city certifications a plus.

Send Resumes to:

Matthew G. Rogers, PE, GE
Zeiser Kling Consultants, Inc.
1221 East Dyer Road, Suite 105
Santa Ana, CA 92705
(714)755-1366 Fax
e-mail: jobs@zkci.com



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Other specialty services include pump service, packer testing, Westbay monitoring systems, aquifer testing, specific capacity testing and well efficiency analysis, chemical treatment, well rehabilitation, abandonment, water treatment and delivery systems.

BEST DRILLING AND PUMP, INC.

Contact: Mark Best, PE, President

Corporate Address: 2950 Oleta Ln, Highland, California 92346

PHONE: 909-425-9998 FAX: 909-494-9597 EMAIL: bestdril@aol.com

California Contractors License # 826672

AEG Southern California Section
J. Relyea
Earth Resources, Inc.
18302 Sierra Highway, #102
Santa Clarita, CA 91351