



ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS
Southern California Section

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NEWSLETTER – June 2006

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CCGO FUNDRAISER

Meeting Date: **Tuesday, June 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: \$35 per person with reservations, \$40 at the door, \$15 for students with a valid Student ID

Reservations: Please call (323) 889-5366 or email rmunro@mactec.com

Speaker: Bill Cotton

Topic: **Earthquake-Induced Ground Failures: A Historical Perspective Using the Great San Francisco Earthquake of 1906 as a Starting Point**

Abstract:

The Great San Francisco Earthquake of 1906 (M 7.8) was the first earthquake in the United States to be carefully documented and studied by field geologists. Detailed post-earthquake field data were compiled and published in the California State Earthquake Investigation Commission's "Lawson Report" in 1908. While most of the scientific interest was focused on the effects of surface fault rupture and ground shaking, landslides and other forms of ground failure were also well documented. With the exception of lateral spreading in the low-lying regions of the Bay area, earthquake-induced ground failures such as landslides were considered "minor effects", mainly because they were confined to the unpopulated mountain regions. Today, the urban population in the greater San Francisco Bay area stands at nearly 10 million, and the mountainous landslide terrain has now become highly populated. Anticipating the potential adverse impact of a rapidly expanding population into uncharted hillsides, Youd and Hoose of the USGS (PP 993) reviewed the 200-year-old records of major northern California earthquakes and published

their findings in 1978. Much of their work was concentrated on a more detailed analysis of the Lawson report, with an expanded effort at defining the locations and specific types of ground failures relative to the modern urban environment.

The Bay area hillsides were again tested in October of 1989 when the M 6.9 Loma Prieta earthquake struck the region. Again, ground failures were widespread with extensive lateral spread failures around the margin of the San Francisco Bay and numerous damaging landslides in the epicentral area of the Santa Cruz Mountains. The present probabilistic earthquake forecast is 62% for a M 7.0 event situated on one of the areas major faults within the next 25 to 30 years. Smart money places this event along the Hayward fault in the east Bay area of Oakland/Berkeley. Numerous large landslides exist in the developed portion of the east Bay hillsides. Displacement analyses indicate that large regions of these hillsides are highly vulnerable to moderate to strong seismic ground shaking. It is reasonable to expect that the cost of earthquake-induced landslide damage will exceed several billion dollars when the next large magnitude earthquake strikes the densely urbanized hillsides of the Bay region.

Chair Column

Charles Nestle

CCGO Fundraiser

The June meeting is our annual CCGO fundraiser to support the efforts of California Council of Geoscience Organizations. Among other things, CCGO organizes a March legislative drive-in, which I have participated in the last couple of years. They also monitor legislation and organize letter-writing campaigns for issues of interest to their members. CCGO is currently undergoing a search for an Executive Officer to replace Jane Gill who resigned last November following a move to South Carolina. I'll provide a brief presentation on CCGO activities just prior to the featured presentation by Bill Cotton.

Board News

Last March I sent a letter to the Board for Geologists and Geophysicists (BGG) regarding Section 7847 of the Business and Professions Code. Section 7847 allows geologists who are licensed outside of California to become California PGs without taking a written exam if the applicants also meet all other requirements of the Section. I interpreted "all other requirements" to include the California Specific Exam (see this letter on the SoCal Section website (www.aegsc.org) under "Announcements").

During the May 19 BGG meeting in Sacramento discussion of this letter appeared as an agenda item along with the discussion of the current Section 7847 applicants. Gary Duke, the Board's legal counsel, correctly pointed out that the Section also states that these applicants may be granted licenses "without written examination" and that those are the key words in this situation. That prompted about a half hour discussion by Gary about problems with the wording of Section 7847, in that it was written to address reciprocal licensure at a time when the Board's Examination Committee prepared the exam and wrote all the exam questions. Now that the Board uses the ASBOG and CSE, Section 7847 may not adequately address reciprocal licensure. Gary recommended eliminating the words "without written examination" because some applicants were grandfathering out of state and then becoming licensed in CA without having taken any exam at all. Removing those

words will allow the Board more latitude in their evaluation of applicants, and to require the CSE if the Board determines that it is warranted.

Craig Copelan, Board President, had to request a motion to accept the Section 7847 applicants three times before one was made, and then there was quite a long period of silence before the motion was reluctantly seconded. This seems to indicate just how seriously the Board is considering this issue. The Board agreed to more thoroughly consider each applicant from now on, and to revisit the language of Section 7847 so that they will have the ability to require written examination (CSE) if warranted.

Other Board News

Rick Blake, CCGO past President and current Secretary, was appointed to the Petroleum Geologist position on the Board. During the meeting he asked some tough questions about Board procedures, and it is evident that he will be a good Board member. Here is the press release from the Governor's web site, dated 5/25/06:

"Richard Blake, 53, of Pleasanton, has been appointed to the Board for Geologists and Geophysicists. He has served 26 years as a professional geologist and is a California Registered Professional Geologist. Blake is currently group leader in the Environmental Protection Department at the Lawrence Livermore National Laboratory. He has served at Lawrence Livermore since 1992 in various capacities, including associate program leader for fossil energy. This position does not require Senate confirmation and the compensation is \$100 per Diem. Blake is a Republican."

Martin L. Stout Scholarship Fundraiser

The southern California Section is planning a golf tournament to benefit the AEG Foundation – Martin L. Stout Scholarship. As stated on the AEG website: "The **Martin L. Stout Scholarship** is in memory of Dr. Martin L. Stout, Professor of Geology at California State University, Los Angeles from 1960 to 1990. He is remembered by all of his students for his passionate and insightful instruction in engineering geology. Dr. Stout guided his students through and beyond the fundamentals of engineering geology, often using Kodachrome™ slides for illustration. He emphasized hands-on experience and critical thought. Dr. Stout was well known for his expertise on mega landslides, his worldly travels, his good humor, and his gracious manner. This scholarship supports his legacy."

The Stout Scholarship is currently under-funded and cannot support itself. A generous donor is providing pass-through funds until such time as the principal generates enough interest to support the scholarship. AEG's goal is to reach a minimum principal of \$50,000 by the October 2007 National Meeting to be held at the Sheraton Universal in Universal City. This is a very worthwhile goal for the Section to undertake, and I hope all who are able will participate. The tournament is scheduled for the beginning of August, and more information is available on the flyer below.

AEG Mid-Year Board Meeting

The mid-year board meeting this year will be held in New Orleans June 2-4, and will be attended by Brian Villalobos and myself. I'll report on that meeting in the next newsletter and during the June 13 Section meeting.

A lot of activities are scheduled for the June 13 meeting, so come on out and support your Section, help your Section support CCGO, and hear a fascinating talk by Bill Cotton.

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DF-076	Palmdale S/Pacifico Moutain	DF-124	Yucaipa
DF-079	Juniper Hills	DF-126	Harrison Mtn/ N ½ Redland
DF-080	Valyermo	DF-127	San Bern N/ N ½ San Bern
DF-081	Mescal Creek	DF-139	Parkfield
DF-082	Lake Hughes/Del Sur	DF-141	Cholame Hills
DF-083	Burnt Peak	DF-142	Cholame Valley
DF-088	Mount San Antonio	DF-143	Orchard Peak
DF-093	Liebre Mountain	DF-144	Cholame
DF-094	Maricopa/Pentland	DF-157	Los Gatos
DF-097	Panorama Hills	DF-166	Laurel
DF-098	Painted Rock	DF-167	Loma Prieta
DF-101	McKittrick Summit	DF-168	Mt. Madonna
DF-104	Cajon	DF-170	Ballinger Canyon
DF-105	Devore	DF-171	Santiago Creek
DF-107	Telegraph/Phelan	DF-180	Wells Ranch
DF-108	Elkhorn Hills	DF-182	Simmler
DF-114	Beaumont	DF-198	Lebec/Frazier Mountain
DF-119	Cabazon	DF-199	Cuddy Valley
DF-120	Whitewater	DF-200	Sawmill Mountain

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DF-069	El Monte/Baldwin Park	DF-114	Beaumont
DF-074	Whittier/La Habra	DF-115	Lakeview
DF-075	Yorba Linda/Prado Dam	DF-116	San Jacinto
DF-089	Glendora	DF-117	Winchester
DF-090	Mount Baldy	DF-118	Hemet
DF-091	Sam Dimas/Ontario	DF-119	Cabazon
DF-104	Cajon	DF-120	Whitewater
DF-105	Devore	DF-121	Desert Hot Springs
DF-106	Cucamonga	DF-122	Lake Fulmore
DF-107	Telegraph/Phelan	DF-123	Palm Springs
DF-109	Riverside E/S ½ San Bernar	DF-124	Yucaipa
DF-110	Sunnymead/S ½ Redlands	DF-125	Keller Peak
DF-111	Steele Peak	DF-126	Harrison Mtn/ N ½ Redland
DF-112	Perris	DF-127	San Bern N/ N ½ San Bern
DF-113	El Casco	DF-128	Riverside W/S Fontana

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*Included below are: the New Cuyama Map Showing the Dibblee Sands;
The Lebec/Frazier Mountain Map Showing the San Andreas/Garlock
Junction; and the Cuddy Valley Map Showing the San Andreas/Big Pine
Junction*

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DF-178	Caliente Mountain	DF-193	Antioch South/Brentwood
DF-179	New Cuyama	DF-194	Tassajara
DF-180	Wells Ranch	DF-195	Byron Hot Springs/Clifton Court Forebay
DF-181	Peak Mountain		
DF-182	Simmler	DF-196	Livermore
DF-183	Taylor Canyon	DF-197	Altamont
DF-184	Manzanita Mountain	DF-198	Lebec/Frazier Mountain
DF-185	Bates Canyon	DF-199	Cuddy Valley
DF-186	Bald Mountain	DF-200	Sawmill Mountain
DF-187	Hurricane Deck	DF-201	Apache Canyon
DF-188	San Rafael Mtn	DF-202	Cuyama Peak
DF-189	Big Pine Mtn	DF-203	California Valley
DF-190	Cordelia/Fairfield South	DF-204	La Panza
DF-191	Vine Hill/Honker Bay	DF-205	Pozo Summit
DF-192	Clayton	DF-206	Caldwell Mesa

The AEG - Southern California Section Cordially Invites You To

The Inaugural at Industry Hills



A GOLF TOURNAMENT TO BENEFIT

The Martin L. Stout Fund of the AEG Foundation



Friday, August 4th, 2006

(Shotgun Start Time: 1:30 p.m.)

(Check in Time: 12:45 p.m.)

at

Industry Hills Golf Club "Babe" Zaharias

One Industry Hills Parkway
City of Industry, CA 91744
www.ihgolfclub.com

Entry Fee

\$175.00 per person
Includes green fee, cart, range balls,
dinner (6:00 p.m.) and
awards.

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Registration Form

(detach and submit with your payment)

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Enclosed is my payment for: [] ___ player(s) at \$175 each \$ ___ Total Amount

Name: _____

Firm: _____

Mailing Address: _____

Telephone Number: _____ E-mail: _____

Tsunami Workshop

The National Weather Service in San Diego is sponsoring a **Tsunami Workshop**, Saturday, July 29, 2006. Speakers will include: Dr. Mark Legg of Legg Geophysical and representatives from: State Office of Emergency Services, San Diego County Office of Emergency Services, National Weather Service. Topics include discussion of the threat of tsunamis in southern California and tsunami preparedness and response activities. Please see flier below.



SAVE THE DATE!



The National Weather Service in San Diego is sponsoring a

Tsunami Workshop

Open to the Public

Date: Saturday, July 29, 2006
Time: 9:30 a.m. to 12:30 p.m.
Location: Town and Country Convention Center
Mission Valley, San Diego

Speakers will include: Dr. Mark Legg of Legg Geophysical and representatives from: State Office of Emergency Services, San Diego County Office of Emergency Services, National Weather Service

Topics include discussion of the threat of Tsunamis in southern California and Tsunami preparedness and response activities.

Space is limited so RSVP early to Edwin.Clark@noaa.gov

The workshop is free but there is a \$5.00 per vehicle fee for validated parking.



For Immediate Release:
May 3, 2006

Contact: Frank Quimby
202-208-6416

Acting Secretary Scarlett Praises President's Intention to Nominate Mark Myers as USGS Director

WASHINGTON DC— Acting Interior Secretary Lynn Scarlett today praised President Bush's intention to nominate Mark D. Myers as director of the U.S. Geological Survey. The announcement is subject to confirmation by the U.S. Senate, once the official nomination is made by the President. Current acting director Dr. P. Patrick Leahy will continue to serve in the acting capacity until Senate confirmation.

Myers is an internationally recognized geologist and former State Geologist and head of Alaska's Geological Survey.

"Mark is known not only for his accomplishments as a geologist and state survey manager but also for the consensus building approach he has emphasized throughout his career," Acting Secretary Lynn Scarlett said. "He brings more than 22 years of wide ranging experience in geological science and strong leadership skills to the U.S. Geological Survey."

As State Geologist and Director of the State of Alaska Division of Geological and Geophysical Survey, Myers managed a research organization that included 38 scientists and support staff. The state survey generates analyses and interprets data on geologic resources and natural conditions and maps and inventories mineral and energy resources on state land. That information is used by the government, private industry, scientists, educators and the public.

As Director of the State of Alaska Division of Oil and Gas, Myers oversaw a professional staff of nearly 100 employees, including geoscientists, engineers, land managers, accountants, commercial analysts, and auditors. Myers, an expert on North Slope sedimentary and petroleum geology, served as survey chief for field programs in the MacKenzie Delta (ARCO, 1985), Cook Inlet (State of Alaska/U.S. Geological Survey, 1997), and North Slope (ARCO, 1999). He also served as sedimentologist for 13 other North Slope field programs.

Myers is a past president and board member of the Alaska Geological Society; a certified professional geologist with the American Institute of Professional Geologists; a certified petroleum geologist with the American Association of Petroleum Geologists; and a licensed geologist with the State of Alaska.

He served as an officer in the U.S. Air Force Reserve from 1977 to 2003, retiring as a Lt. Colonel.

He received his doctorate in geology from the University of Alaska-Fairbanks in 1994, specializing in sedimentology, clastic depositional environments, surface and subsurface sequence analysis and sandstone petrography. Myers earned his B.S. and M.S. degrees in geology from the University of Wisconsin-Madison.

The USGS serves the Nation by providing reliable scientific information to describe and understand the Earth; minimize loss of life and property from natural disasters; manage water, biological, energy, and mineral resources; and enhance and protect America's quality of life. The USGS is organized with a Headquarters and Eastern Region facility in Reston, Va. Central Region and Western Region offices are located in Denver, Colo., and Menlo Park, Calif., respectively.

The 10,000 scientists, technicians and support staff of the USGS are located in nearly 400 offices in every state and in several foreign countries. With a budget of more than \$1 billion a year, the USGS leverages its resources and expertise in partnership with more than 2,000 agencies of state, local and tribal government, the academic community, other federal allies, non-governmental organizations, and the private sector. Field investigations, direct observations of natural science processes and phenomena, and monitoring and data collection at the local scale are the scientific hallmarks of the USGS.

Chapter Meetings

Inland Empire:

June Meeting: Wednesday, June 21st

Time: Social Hour – 6, Dinner – 7, Meeting – 7:45

Location: Hungry Hunter, 27600 Jefferson Avenue, Temecula, CA (951) 694-1475

Speaker: Miles D. Kenney, Ph.D., Petra Geotechnical, San Diego, CA

Presentation Topic: "Late Quaternary deformation and sedimentation history, Coachella fan area located between the Mecca Hills and Indio Hills, and northeast of the San Andreas Fault, eastern Coachella Valley, California"

Please visit the Inland Empire web page at <http://www.aegsc.org/chapters/inlandempire/> for additional meeting information and directions.

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 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:

June Meeting: Tuesday, June 20th

Time: Social Hour – 5:30PM; Talk – 6:30PM

Location: Office of Ninyo & Moore, 5710 Ruffin Road, San Diego

Speaker: Dr. Thomas Rockwell of San Diego State University

Presentation Topic: Neotectonics of the San Diego Region

For the latest information 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>
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▪ 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, June 23rd.

YEAR 2006 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, Rosalind Munro.

2006 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



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

EUC

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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:

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Lawson & Associates Geotechnical Consulting, Inc.

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Email: kesmond@lgcgeo.com

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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.



TerraPacific Consultants, Inc. is a San Diego based geotechnical consulting firm working on projects throughout the southwest. We concentrate on forensic engineering, evaluations for new commercial/industrial/custom residential construction, as well as, oversight during foundation repairs. We are seeking motivated engineers and geologists who are interested in finding solutions to challenging geotechnical problems.

Field work and out of town travel will be required on a regular basis throughout California, Nevada, New Mexico, Arizona, and Hawaii. All positions demand an organized self-starter with "hands-on" management ability.

We are looking for an honest, hard working, technically minded professional to perform subsurface investigations, collect field data, perform geotechnical analysis, and write reports. Construction inspections will also be required. Qualified candidates should possess good communication skills. Field work and out of town travel will be required on regular basis. Position demands a motivated, organized, self-starter with the ability to get things done in a timely manner.

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Senior Geotechnical Engineer

Position responsibilities include project management, collecting field data, analysis, report writing, and client communication. Oversight of construction inspections will also be required. Qualified candidates must be a licensed G.E., have a minimum of 8 years experience and good communication skills. At least 2 years experience in geotechnical forensic investigations is preferred. Experience in testifying is a plus.

Project Geotechnical Engineer/Geologist

Position responsibilities include project management, collecting field data, analysis, report writing, and client communication. Oversight of construction inspections will also be required. Qualified candidates must be a licensed PE (GE is a plus), PG or CEG, have a minimum of 5 years experience and good communication skills. At least 2 years experience in geotechnical forensic investigations is preferred.

Staff Geologist/Engineer

We are looking for an honest, hard working, technically minded graduate to perform subsurface investigations, collect field data, perform geotechnical analysis, and write reports. Construction inspections will also be required. Qualified candidates should possess good communication skills. Some experience in geotechnical investigations is preferred but recent graduates will be considered. Field work and out of town travel will be required on regular basis. Position demands a motivated, organized, self-starter with the ability to get things done in a timely manner.

The right, qualified, independent and hard-working individual will be offered an excellent salary (commensurate with their experience), profit sharing/401K plan; company sponsored insurance program, and bonuses. If you are interested in pursuing quality in your life and your career please submit a resume and cover letter to: TerraPacific Consultants, Inc., 12245 World Trade Drive, Suite G, San Diego, CA 92128; or by fax to 858-521-1199; or by e-mail to jimg@terrapac.net.



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Senior Staff Geotechnical Engineer with 2 to 4 years experience. BSCE required, MSCE preferred. Registration desirable. Experience in land development a plus.

PROJECT GEOTECHNICAL ENGINEER

Project Geotechnical Engineer with 3 to 5 years experience. BSCE required, MSCE preferred. Registration required. Experience in land development a plus.

ENGINEERING FIELD TECHNICIAN

Engineering Field Technician with 2+ years experience desired but not mandatory. Land development and/or hillside experience a plus.

STAFF ENGINEER/GEOLOGIST

Staff Engineer/Geologist with 2 to 4 years experience. BS required, MS preferred. California registration (PE/PG) desirable. Must have previous experience with Phase I and Phase II environmental site assessments, remediation experience a plus.

PROJECT ENGINEER/GEOLOGIST

Project Engineer/Geologist with 4 to 7 years experience. BS required, MS preferred. CA Registration (PE/PG) required, REA II a plus. Must have previous experience with Phase I and Phase II environmental site assessments, and corrective action.

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Contractor License No. C-57, 826672

Applied Earth Sciences is a leading geotechnical, environmental and geologic engineering firm in southern California, with a perennially large volume of projects. We are seeking qualified professionals to join our dynamic team of engineers and scientists for our Los Angeles and Fresno offices.

CERTIFIED ENGINEERING GEOLOGIST: Position requires CEG registration and 7-10 years professional experience in residential, commercial, and public works projects. Strong candidate will have demonstrable track record in hillside geology, slope failures/landslides, private disposal system design, environmental, and fault studies. Excellent report writing skills necessary. Supervision of project geologists.

PROJECT GEOLOGIST: BS & 2-5 years experience in commercial/industrial, public/civil works, and residential projects required. Tasks include research, field exploration, analysis & calculations, proposals and client interface, generating reports. Multifaceted work alongside principals. Work towards RG & CEG certification recommended.

GEOTECHNICAL ENGINEER: Position requires Civil Registration and work towards GE Reg. Candidate will have BS/MS and 5-7 years experience in foundation design, slope stability, shoring design, calculations, report writing, and project management.

ENVIRONMENTAL ENGINEER: Candidate will have BS and 3-5 years experience in site assessments, contamination investigation, and remediation consulting. Strong candidate will have exceptional teamwork and project management skills and report writing ability. CAD ability recommended.

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

COUNTY OF SANTA BARBARA

The Santa Barbara County Planning and Development Department is currently seeking a full-time engineering geologist to supervise and perform engineering geology work and to review plans for conformance with county ordinances dealing with soil and earth stability.

Registration as a professional engineering geologist in the State of California and a valid California C driver's license are required.

The salary range is \$69,139-\$84,406 approximately per year. The County also offers a generous benefits package that includes a \$4946/year benefit allowance.

With a mild climate and spectacular setting that includes scenic coastline, beautiful valleys, and rugged mountain peaks, Santa Barbara County is one of the most desirable places in the world to live and work.

To learn more about the position and to apply on line, visit www.sbcountyjobs.com, or call (805) 568-2800. This position is open until filled.

AESCO Technologies, Inc.

AESCO is seeking an experienced Geologist to join our rapidly growing Huntington Beach, CA office. A BS in Geology is required. The successful candidate will have 2-8 years experience conducting geotechnical investigations. Phase I, II and Environmental Study and investigation experience is required. P.G. or CEG registration is strongly preferred. Excellent written and oral communications skills are required. AESCO is an Equal Opportunity Employer. Please forward resume to Debra@aescotechnologies.com or call at (714) 375-3830.