



# SAN FRANCISCO SECTION NEWSLETTER



## Meeting Details:

- **Tuesday, January 14th**
- Agenda, San Jose
- 6:00pm – Cocktail Hour
- 7:00pm – Dinner
- 7:45 pm – Awards Presentation
- 8:00pm – Speaker
- \$30 members, \$15 students who call Dr. Williams, 408-924-5050.

**NOTE: RESERVATIONS DUE BY NOON, MONDAY, JANUARY 6TH!**

## SECTION OFFICERS - 2002-2003

### Chair

Corinne Stewart  
Pacific Geotechnical  
408-629-7801  
chair@aegsf.org

### Vice-Chair

Patrick Drumm  
Earth Focus Geological Services  
510-794-7495  
vice-chair@aegsf.org

### Treasurer

Chris Hundemer  
Upp Geotechnology, Inc.  
408-866-5436  
treasurer@aegsf.org

### Secretary

Lisa Gentry  
Earth Systems Consultants  
510-353-0320  
secretary@aegsf.org

## Committee Chairs

### Membership Chair

Jim Springer  
membership\_chair@aegsf.org

### Short Course Chair

Ernest Solomon  
650-948-3528  
shortcourse\_chair@aegsf.org

### Field Trip Chair

Drew Kennedy  
Gilpin Geosciences  
650-551-1210  
fieldtrip\_chair@aegsf.org

### Student Liaison

Robert Urban  
408-248-6116  
lavapoet@sbcglobal.net

## JANUARY 2003 PROGRAM:

Dr. Scott Burns, AEG President

### ***AEG: A BRIGHT FUTURE***

AEG has gone through many changes this past year: a new headquarters, a new leadership team, a new publications board, a new fiscal year, new awards, and a new innovative specialty conference. President Scott Burns will summarize these new changes and some of the directions in which AEG is going. We are trying to build an organization that will represent the membership nationally and internationally, develop new leaders starting with students, strengthen sections, continue to cultivate partnerships with other professional organizations, and arrive at fiscal stability in the future. How can each of us play a part in our future?

### ***LESSONS LEARNED FROM LANDSLIDES***

Scott Burns has been working in all phases of landslide research for 26 years. Using case histories he will summarize 15 different principles he has learned related to landslide mapping, research, and mitigation. Topics included will be: signs to look and not look for; relationships to geology; field techniques; reactivation of old landslides; landslide development in "flat" terrain; human involvement in slides; landslides on volcanoes; earthquakes and landslides; developing maps to be used; importance of debris flows; looking for failure surfaces; and innovative fixes.

### **Speaker Biography**

Scott Burns is the president of AEG. He is a Professor of Geology at Portland State University where he is in his 13th year of teaching. He has been teaching for 33 years, with past positions in Switzerland, New Zealand, Washington, Colorado and Louisiana. Scott has won many awards for outstanding teaching with the most significant being the Faculty Senate Chair Award at Louisiana Tech University in 1987 and the Distinguished Faculty Award from the Portland State in 2001. Scott specializes in environmental and engineering geology, geomorphology, soils, and Quaternary geology. He has projects involving landslides and land use, environmental cleanup of service stations, slope stability, landslide and earthquake hazard mapping, Missoula Flood paleosols, loess soil stratigraphy, radon generation from soils, and the distribution of heavy metals and trace elements in Oregon soils. He has authored over 90 publications and was editor of the AEG's 1998 publication, Environmental, Groundwater and Engineering Geology: Applications from Oregon. Scott has a BS and MS degree from Stanford University and a Ph.D. from the University of Colorado. He has been married for 28 years to Glenda, and they have three children: Lisa (25), Doug (21) and Tracy (18).

### ***INSIDE THIS ISSUE...***

- *Chair's Message*
- *January Section Meeting Details*
- *December Meeting Notes*
- *Announcements, Member Updates, and Other News*
- *2002 Annual Section Award Presentation*

**Committee Chairs**

CCGO Liaison  
Betsy Mathieson  
Exponent Failure Analysis  
ccgo@aegsf.org

Legislative Chair  
Julian C. Isham  
legislative\_chair@aegsf.org

Publications Chair  
Bill Godwin  
Harding ESE  
publications\_chair@aegsf.org

Awards Chair  
Keil Albert  
Geoconsultants, Inc.  
awards\_chair@aegsf.org

Past Chair  
Jason Preece  
Camp, Dresser, & McKee, Inc.  
past\_chair@aegsf.org

Newsletter Editor  
Maile Smith  
Weiss Associates  
newsletter\_editor@aegsf.org

Webmaster  
Craig Reid  
Upp Geotechnology  
webmaster@aegsf.org

The AEG San Francisco Section Newsletter is a monthly publication of the San Francisco Section of the AEG.

For more information, visit [www.aegsf.org](http://www.aegsf.org).

**Submittals:**

Deadline is the 20th of each month for the following issue. Contact Maile Smith by email ([newsletter\\_editor@aegsf.org](mailto:newsletter_editor@aegsf.org)) for submittal. All submittals are subject to editing for space considerations. Employment notices are free if brief.

**Address changes:**

Please submit to Section Secretary, Lisa Gentry ([secretary@aegsf.org](mailto:secretary@aegsf.org)).

**Advertisements:**

The newsletter's circulation is about 360 within northern California.

Use these low rates to expand your market:

business card: \$15 / month  
1/4 page: \$30 / month  
1/2 page: \$60 / month

**CHAIR'S MESSAGE**

It was great to have so many people show up at Mariner's Point last month to hear Sandy Figuers's talk regarding the "curse" of strike-slip faults. I am really excited about this month's meeting—Scott Burns (the President of the Association) is the speaker, we're trying a new restaurant in a new city, and we will present the speaker of the year award and AEG San Francisco Section service awards. Scott is really looking forward to speaking at our upcoming Section meeting. He recently spoke to the Oregon and Southern California Sections where the attendance was 40 and 49 people respectively. I'm confident that San Francisco will have an even greater number of enthusiastic engineering geologists in attendance! Please note that the reservation deadline is four days earlier than it usually is.

We have two sponsors for our January meeting: Cotton, Shires and Associates of Los Gatos, and Pacific Geotechnical Engineering or Morgan Hill. Exponent Failure Analysis and San Jose State University Geology Department will also be sponsoring an upcoming meeting. I apologize for holding two South Bay meetings in a row; February's Section meeting will be either on the Peninsula or in the East Bay. It has been a lot of work finding a restaurant that fits our needs and arranging a first meeting in a new location. I anticipate that this month's meeting will be well attended, especially by members who live/work south of San Jose and find the commute to Berkeley or San Francisco on a Tuesday night prohibitive. If anyone has suggestions for restaurants where we might be able to hold future Section meetings, please let me know.

We sold quite a few copies of the Engineering Geology Practices in Northern California volume at the last meeting. We also replaced some incorrectly paginated copies. It appears that we have the good book versus damaged book problem under control. I encourage everyone to purchase a copy of the volume. It is a really great reference to own; I've already cited two of the articles in a geologic report. We will be selling the books at the Section meetings or you can contact me about purchasing a copy and having it shipped.

I hope everyone has a safe and enjoyable New Year.

*Corinne*  
Chair, AEG San Francisco Section

**JANUARY SECTION MEETING DETAILS**

The January Section Meeting will be held at Agenda restaurant, 399 South First Street, San Jose, California (408-287-3991). We will have the entire upper level of the restaurant to ourselves. Please enter through the door to the right of the main entrance and proceed up the stairs.

**Directions**

From Highway 280 in San Jose: Take the 7th Street exit and go north. Turn left on San Salvador (at San Jose State University). Turn right on 3rd Street and proceed to San Carlos Street. Two parking options are described below.

Free Parking (about a 2½-block walk): Proceed on 3rd Street past San Carlos and immediately pull into the parking garage on the left (at the Camera Cinema). Parking is free on weekdays after 6 PM (take your parking ticket with you). Walk to the corner of San Carlos and 1st Street. Cross 1st Street and San Carlos (you'll be outside of Original Joe's) and walk south for 1 block. Agenda is on the corner at San Salvador.

Paid Parking (about a ½-block walk): Turn left on San Carlos and left again on 2nd Street. Pull into the parking lot on the right about halfway down the block. Parking is \$5.00. Walk to 1st Street and turn left (south). Cross 1st Street at San Salvador and you're there.

**Reservations must be faxed to Chris Hundemer by noon on MONDAY January 6th.**

See the back cover of the newsletter for the RSVP form.

**NO SHOWS AND LATE CANCELLATIONS WILL BE CHARGED!**

---

## **DECEMBER MEETING NOTES**

There was a great turnout (more than 40 people) for the December Section meeting at The Grill at Mariners Point, Foster City. People were eager to hear what Sands Figuers had to say about strike-slip faults. There were a lot of attendees who were happy about the restaurant's location and there were several compliments on the food, too! Many Engineering Geology Practices in Northern California volumes were purchased.

Dr. Sands Figuers presentation was titled "The Curse of Strike-Slip Faults." As geologists in the Bay Area, we are working in a tectonically complex area and we are frequently blinded by the idea that strike-slip faulting is the major tectonic feature in the area. We owe it to ourselves and to our clients to be certain that a structural feature that appears to be a strike-slip fault actually is a strike-slip fault; other geologic structures and processes need to be taken into consideration, too.

Dr. Figuers brought up several points about the history of fault mapping in the Bay Area and in general. Only about five geologic maps of the Bay Area have been published between 1850 and World War II. As early as 1920, the San Juan Bautista area was mapped as a series of thrust faults thrusting towards the San Andreas fault (this is counterintuitive to the right-lateral displacement occurring on the San Andreas). The advent of tectonics was in the 1960s; the advent of terraines occurred in the 1970s. In 1971, the San Fernando Earthquake prompted the Alquist-Priolo Act, which established fault zones. Ironically, the San Fernando Earthquake occurred on a thrust fault, not a strike-slip fault.

Several examples of investigations were presented where strike-slip faulting was expected, however, thrust faulting and other geologically complex structures were found. There were great maps and photos to go along with the entire presentation. Overall, it was a very thought-provoking talk.

Corinne Stewart  
Chair, AEG San Francisco Section

---

## **2002 ANNUAL SECTION AWARD PRESENTATION**

AEG San Francisco Section service awards and the 2002 Speaker of the Year award will be presented during the January Section Meeting. Please join us to thank the companies and individuals who have generously contributed their time, effort, and financial support to the Section.

---

## **2003 ANNUAL DUES**

Anyone who has not yet paid their AEG dues for 2002-2003 should do so as soon as possible. January 3rd is the deadline to pay your dues and have your name listed

in the annual directory. If you have any questions, please contact Cindy Dimmitt at [cdimmitt@NEHA.com](mailto:cdimmitt@NEHA.com).

---

## **SPONSORSHIP**

Sponsor a Section Meeting! Show support for an individual presentation or a specific meeting.

Become a Section Corporate Sponsor! Donate to the Section and receive free advertisement each month, recognition at Section Meetings, and more!

Contact Corinne Stewart at [chair@aegsf.org](mailto:chair@aegsf.org) for more information on sponsorship.

---

## **GEOLOGY AND GEOLOGICAL ENGINEERING SURVEY**

Would you be willing to contribute a little of your time for a scientific study that is sure to help launch your profession into the new millennium (or at least provide some interesting fodder for conversation over beers at the next meeting)? Paul M. Santi, Associate Professor in the Department of Geology and Geological Engineering at the Colorado School of Mines is conducting a study to assess site investigation skills, and to try to identify factors that contribute most towards developing these skills. You can participate by visiting his web site and taking a short assessment test. The site address is <http://web.umn.edu/~psanti/survey.html>. The survey takes from 10 to 20 minutes to complete.

***Thank You to January's Section Meeting Sponsors!***

**Cotton, Shires and Associates, Inc. –  
Los Gatos**

**Pacific Geotechnical Engineering –  
Morgan Hill**

---

## **MEMBER UPDATES AND OTHER NEWS**

**Fiscal Year 2003 and 2004 Appropriations Bills –  
Now is the time to act!**

Sharon Mosher and Jack Hess of the Geological Society of America attended the Council of Scientific Society Presidents (CSSP) meeting in Washington DC in early December. There they heard a strong message from a number of agency heads and Hill staff that Congress plans to complete all 11 remaining appropriations bills for fiscal year (FY) 2003, either separately or as an omnibus package, by the President's State of the Union address in late January. At the same time, agencies are in the final stage of negotiations with the White House Office of Management and Budget (OMB) before the FY 2004 budget is finalized and released in early February.

Therefore, now is the time to make a difference for science and education funding in both FY 2003 and 2004. Indications are that the FY 2003 budgets could be \$10 billion less than the original President's budget last year and that FY 2004 could be more of the same. Both the current House and Senate appropriation bills contain proposed funding increases for many earth science-related programs, particularly within NSF, but these gains could be lost if the FY 2003 budget is cut when the bills are merged.

The CSSP's idea is to present a single message from this country's scientists (CSSP represents 1.5 million of us!). The message is two fold:

1. Now that doubling the NSF budget has been authorized, let's appropriate the necessary funds. Also, let's support science budgets in the other agencies.
2. Support STEM (Science, Technology, Engineering, and Math) education.

#### **What can you do?**

1. Contact your Senators and Representatives with our message. This is particularly true if they are on either the House or Senate appropriations subcommittees. Lists of committee members are available at <http://www.house.gov/appropriations/> and <http://appropriations.senate.gov/>.
2. Make the contact ASAP. Try to meet them at home during this break. The next month is very important.
3. Send letters of support by e-mail, fax or hard copy.
4. Make contact with OMB and agencies with regard to FY 2004. Talk about how science helps the nation. If possible relate to their home state or district.

If you have questions, please contact us.  
Sharon Mosher, GSA Past President  
[mosher@mail.utexas.edu](mailto:mosher@mail.utexas.edu)  
Jack Hess, GSA Executive Director  
[jhess@geosociety.org](mailto:jhess@geosociety.org)

#### **OTHER MEETING ANNOUNCEMENTS**

The AEG Sacramento Section Meeting will be held on Tuesday January 28th. The speaker will be Roy Kroll, who will speak on the volcanoes of Hawaii. Please visit [www.aegsacto.org](http://www.aegsacto.org) for more information.

The 2003 Annual AEG meeting will be held September 16 through September 19 in Vail, Colorado. Please visit [www.aegweb.org](http://www.aegweb.org) for more details.

#### **SCHOLARSHIPS**

AEG has two very special scholarships that we offer each year. We are beginning to accept applications for the Tilford Field Scholarships! We will award two this coming spring: one to a graduate student and one to an undergraduate. The money will help the undergraduate with field camp or working on a field project for a senior thesis, and the graduate student will use the money for field work on their thesis.

The scholarship is named after Norman Tilford who was our past executive director and an outstanding engineering geologist in the field. The award is given to qualified student members of AEG who have demonstrated scholarship, leadership, and participation in their university programs.

If you are a student, consider applying. If you are a regular member and you know a qualified student, encourage them to apply. Deadline for applications is January 31, 2003.

To find out more about this award, contact the AEG website ([www.aegweb.org](http://www.aegweb.org)) under the foundation subheading. Contact Debbie Green Tilford, chair of the NRT Scholarship Committee at [tilgreen@aol.com](mailto:tilgreen@aol.com) with any additional questions.

Good luck and Happy Holidays to all of the members of AEG - may your stockings be full and lots of projects for you at work!

Have a Happy New Year,  
Scott Burns, President of AEG

**Thank You to the Corporate Sponsors of  
the AEG San Francisco Section!**

**Applied Geomechanics – Santa Cruz**

**Exponent Failure Analysis – Menlo Park**

**Upp Geotechnology – San Jose**

#### **SHORT COURSES**

##### **ASBOG Geology Licensing Exam Review Course**

The AEG is pleased to announce the Winter 2003 series of review courses for the ASBOG geology licensing exam. AEG and REG Review, Inc. have partnered to provide these courses since 1992.

The Northern California review course will be offered on Friday, January 10, 2003, from 8:00 AM to 5:00 PM at Samuel Merritt College, Health Education Center, 400 Hawthorne Avenue, Oakland, California.

The pre-registration deadline is January 10, 2003. The cost for California courses for the ASBOG and California Supplemental Exams are \$385 for AEG members and \$400 for non-members. The courses are taught by Patti Sutch, RG, CEG, CHG, and Lisa Dirth, RG, CEG. The pass rate for students in their classes since March 2000 has ranged from 85% to 98%. On the West Coast, call Patti Sutch at 650-947-8899 for more information or to register.

For current information and order/registration forms for 2003 study manuals, flash cards, and courses, contact REG REVIEW, Inc. online at <http://regreview.com>, or at 37 Rosewell Road, Bedford, New Hampshire, 03110.

## Geotechnical Instrumentation for Field Measurements

March 10–13, 2003

This instrumentation course will occur “on the beach” in Florida. Ralph Peck will give a lecture titled, “Observation, Instrumentation, Action—Chicago in the ‘30s to Today’s Practices”. He will also participate in a discussion on “People Issues with Observation and Instrumentation”.

For immediate and complete information, please visit [www.doce-conferences.ufl.edu/geotech/](http://www.doce-conferences.ufl.edu/geotech/).

Ernie Solomon  
Short Course Chair, AEG San Francisco Section

**Thank You!**

**Gregg Drilling & Testing, Inc.**

**An Outstanding Corporate Sponsor of  
the AEG San Francisco Section!**

## FIELD TRIPS

### Northern California Geological Society

The NCGS is hosting a visit to the San Francisco Bay-Delta Tidal Hydraulic Model in Sausalito on Saturday, January 11, 2003 at 1:30 PM. The trip will be lead by Robert Stevenson, Geologist, U.S. Army Corps of Engineers. The cost is \$7 for adults (18 and over, includes refreshments and a small donation to the Bay Model organization for maintenance and staffing) and is free for adolescents and children (under 18). RSVP by Tuesday, January 7, 2003.

The Bay-Delta Tidal Hydraulic Model (contained in a two-acre warehouse located where some of the WWII Liberty Ships were built) measures 320 feet (N-S) by 400 feet (E-W) and represents 343 square miles of bay, river, ocean and upland. The Corps of Engineers first constructed the Model in 1956-57, later expanding it to include the delta in 1966-69, and more recently adapted a computerized monitoring system. The Model is a scientific engineering tool that reproduces water levels, flow patterns and salinity distributions in the Bay and Delta. Ship channels, rivers, creeks, sloughs, canals in the Delta, fills, major wharves, piers, slips, dikes bridges and breakwaters have been reproduced. The Model is able to simulate freshwater flows down Delta rivers to the Bay, where the water mixes with saltwater from ocean tides before emptying into the Pacific. Experiments are run with the model to study impacts from deepening or realignment of navigation channels, effects from potential oil spills, airport expansion, etc.

Contact Jean Moran at [jeanm@stetsonengineers.com](mailto:jeanm@stetsonengineers.com) or 415-331-6806 (evening) for additional details or to make reservations. To learn more about the Bay Model, call the office at 415-332-3871, or visit the website at <http://www.spn.usace.army.mil/bmvc/bmvcinfo.htm>.

### Friends of the Pleistocene

The FOP (Pacific Cell) holds annual field trips (usually three days in the fall) that focus on neotectonics, paleoseismology, geomorphology, and other aspects of Quaternary geology. Attendance usually exceeds 150 people, and the trips are a terrific mix of serious science (best discussions and debates you'll ever hear on field trips) and serious fun (imagine 150+ geologists camping out and you get the picture). To make sure you're informed of future trips, sign up for the FOP Pacific Cell email list by following the instructions on the FOP Pacific Cell web site (<http://pacific.pleistocene.org/>), or emailing John Wakabayashi at [wako@tdl.com](mailto:wako@tdl.com). To see annotated photos from the 2001 field trip, visit John's web site at: <http://www.tdl.com/~wako/geopics.html>.

### ENGINEERING GEOLOGY PRACTICES IN NORTHERN CALIFORNIA

The “Engineering Geology Practices in Northern California” publication is available for sale. The publication is \$95 (available through both AEG and CGS).

To order “Engineering Geology Practices in Northern California”, contact Corinne Stewart at 408-778-2818 or [chair@aegsf.org](mailto:chair@aegsf.org).

## EMPLOYMENT NOTICES

### GEOMORPHOLOGIST / WATERSHED SPECIALIST

Evaluates sources of material sedimenting sensitive habitats. Measures and simulates sediment transport. Plans, designs and monitors channel and wetland restoration/creation efforts. Many assignments include identifying sources of sediment or channel instability, and recommending and implementing restoration. Entails significant interaction with biologists and land managers. Strong geologic background and familiarity with standard hydrologic and water quality databases are highly desirable. California registration and well-developed map/aerial photo interpretation skills a must.

### HABITAT HYDROLOGIST / HYDROGEOLOGIST

Directs feasibility and conceptual design studies for wetland and channel restoration and enhancement programs throughout California. Measures and models flows, nutrients, and solutes entering seasonal wetlands, including seeps or swales. Under direction of a senior hydrogeologist, formulates and conducts ground water assessments. Depending upon interest and background, may also contribute to non-point source water quality control efforts, water-rights investigations, or erosion control programs. Other desirable skills include GIS, geochemistry (modeling and sampling), and ground

water exploration or well design. Strong capabilities in standard hydro(geo)logic codes and databases required, as this position emphasizes modeling and presentation of data on GIS and CADD platforms.

Both positions require an affinity for complex, multidisciplinary efforts and are intended for individuals who have been practicing for 4 to 10 years. More senior individuals are encouraged to apply, as the positions can be modified to meet individual backgrounds and interests. Either position may be suitable for an individual with a strong (graduate-level) background in geomorphology and is "burning" to return to restoration geomorphology after developing their consulting skills in other branches of engineering geology. Compensation commensurate with experience, accomplishments, and responsibilities. Full benefits package.

Please submit your resume to:

Balance Hydrologics, Inc. ([www.balancehydro.com](http://www.balancehydro.com))

Leslie Mack

Fax 510-527-8531, e-mail: [lmack@balancehydro.com](mailto:lmack@balancehydro.com)

900 Modoc Street

Berkeley, CA 94707


*New office location effective Monday, January 13, 2003:*

841 Folger Avenue

Berkeley, California 94710-2800

Phone 510-704-1000, Fax 510-704-1001

**CartoSearch**  
*Cartographic Research Services*



DANICA L. STEIN  
P.O. BOX 3735  
SANTA CRUZ CA 95063  
831 465 9479  
[danicas@baymoon.com](mailto:danicas@baymoon.com)

**SR PROJECT GEOLOGIST / HYDROGEOLOGIST / ENGINEER**

Performs technical project work, writes reports, give presentations, attends regulatory meetings, and oversees and manages technical project work and staff, including CERCLA and RCRA investigations, remediations, and closures within the greater San Francisco Bay Area.

Geologist/hydrogeologist: Requires a Master's degree or equivalent experience in geology or hydrogeology; current 40-hr and 8-hr SARA/OSHA training; at least 5 years' experience in contaminant hydrogeology, including at least 3 in contaminant hydrogeology project management; and 4 years' experience working on

CERCLA or RCRA sites. Strong computer skills and experience with numerical ground water and vadose zone flow transport models are highly desirable.

Engineer: Requires 6 to 15 years of turnkey experience (site investigation through site closure) in groundwater and soil remediation, including at least 5 years' experience working on CERCLA or RCRA sites. Also requires a BS in engineering, with a MS preferred; registration as a California PE; and current 40-hr and 8-hr SARA/OSHA training.

**PROJECT GEOLOGIST / HYDROGEOLOGIST**

Interprets geologic, hydrogeologic, geophysical, and chemical data to design, implement, and optimize ground water and soil cleanup; prepares reports; and performs field work, including logging borings for well installation.

Requires a Master's degree or equivalent experience in geology or hydrogeology; current SARA/OSHA training; and at least 2 years of geologic experience or 1 year of contaminant hydrogeology experience. Also desirable are knowledge of CERCLA and other federal and state environmental regulations; very strong computer skills/ aptitude; and experience with numerical ground water and vadose zone flow transport models.

**REMEDIATION TECHNICIAN**

Successful candidates will provide general technical support to scientists, engineers, and senior technical personnel in the construction, operation, maintenance, and monitoring of multiple treatment facilities in the greater San Francisco Bay Area. Qualifications include an Associate Degree in engineering, geology, mechanical technology or equivalent knowledge and experience.

Submit resumes to [jobs@weiss.com](mailto:jobs@weiss.com) or to M. Matson, Weiss Associates, 5801 Christie Avenue, Suite 600, Emeryville, California, 94608.

Visit [www.weiss.com](http://www.weiss.com) for more information. EOE.

**EARTH IMAGING GEOLOGIC SERVICES**  
**530.295.9272**

- fault and landslide imaging
- hydrogeologic studies
- landfill and sump imaging
- UST and utility location
- bedrock/aggregate imaging
- concealed well location

*Custom ground geophysical surveys utilizing GPR, magnetometer, gravimeter, and seismic reflection*

RG No. 6589, CEG No. 1224, RPG No. 945

*Affordable rates from experienced professionals*

**SENIOR STAFF GEOTECHNICAL ENGINEER**

3-5 years experience. BSCE required, MSCE preferred. Registration desirable. Land development experience required.

**SENIOR STAFF GEOLOGIST**

3-5 years experience. BS required, MS preferred. Land development experience required.

**FIELD TECHNICIAN**

2+ years with land development experience.

Three opportunities to join an established and growing Geotechnical and Environmental Consulting firm. We are looking for the best and brightest to join our team in San Diego. This company offers great potential for hardworking and motivate individuals. Qualified candidates ONLY please email resume in Word format to sherril\_s@adrconsult.com or fax to 916-727-9911. Southern CA candidates strongly preferred.

Sherril Swett, Recruiter, ADR Consulting, Inc.  
Fax 916-727-9911, email: sherril\_s@adrconsult.com

**GEOTECH LAB MANAGER / SUPERVISOR**

Great company in Bakersfield, California is looking for a geotech lab manager/supervisor. Staff of six to coordinate. Salary open, relocation paid. This is a very well run small company, people stay and grow with them.

Beth McNeely, Management Recruiters  
Phone 360-357-9996, email: bethmcneely@aol.com

**Soil Tectonics**  
Principal Soil Scientist  
Cert. Prof. Soil Sci. No. 24836  
P.O. Box 5335  
Berkeley CA 94705-0335

**510.654.1619**  
cell : 510.205.4562  
fax : 815.327.5331  
gborchardt@usa.net  
www.soiltectonics.com

**SENIOR PROJECT MANAGER**

ATC Associates Inc., a leading national environmental consulting company, is seeking a Senior Project Manager for its Due Diligence group in Pleasanton, California. Required qualifications include:

- BS or MS in Geosciences, Engineering or Environmental Sciences
- 7-10 years consulting experience in Phase I/II work
- Certification/registration as a California REA, RG or PE

Essential job duties include:

- Supervising and mentoring Due Diligence staff
- Writing proposals
- Budgeting, scheduling and managing projects
- Maintaining client relations.

To apply, please send cover letter and resume to: Human Resources ATC Associates Inc., 6602 Owens Drive, Suite 100, Pleasanton, California, 94588. No phone calls please.

For company information please visit our website at [www.atc-enviro.com](http://www.atc-enviro.com). EOE.

**CALIFORNIA GEOTECH**  
(925) 294-8449  
californiageotec@cs.com  
GEOLOGIC DRILLING, SAMPLING AND TESTING  
ATV DRILL RIG-EXTREME ACCESS CAPABILITIES  
CERTIFIED NUCLEAR GAUGE OPERATORS  
FAULT INVESTIGATION, SHORING & SCRAPING  
ACI CERTIFIED

**PROJECT ENVIRONMENTAL GEOLOGIST / ENGINEER**

Location—USA - California - San Diego. Salary: \$80,000 - \$100,000

Company Brief—Well established company in Southern California market, with small environmental group which has more business to handle, so excellent opportunity to "Grow" an office.

Job Description—Run the work of engineers/geologists and the environmental site assessments leading to remediation design. Use your scientific knowledge and skills to establish a sophisticated culture of excellence.

Qualifications—BS (Geology, Hydrolgeology, Environmental, or Civil) We do need a registered engineer, hydrologist or geologist (or can obtain) to sign the work. 7+ years Phase I, II, III experience. California experience within last 10 years.

Beth McNeely, Management Recruiters  
Phone 360-357-9996, email: bethmcneely@aol.com

Maile Smith  
c/o Weiss Associates  
5801 Christie Avenue, Suite 600  
Emeryville, California 94608

**AEG San Francisco Section – January Newsletter  
Monthly Section Meeting – January 14th  
Agenda Restaurant, San Jose**

***CHECK OUT THE AEG SF SECTION WEBSITE AT WWW.AEGSF.ORG!***

---

**RESERVATION FORM**

AEG Dinner Meeting – January 14, 2003 – 6pm  
Agenda Restaurant, San Jose

**Reservation Deadline: 12:00 PM, MONDAY, JANUARY 6th**

Fax Reservation Form to Chris Hundemer, c/o Upp Geotechnology (408-866-9436)  
Do not mail or fax payment – Check or Cash at the door – Make checks payable to AEG SF SECTION

Dinner and Meeting Cost: \$30 – members or spouses    \$15 – student members    \$32 – others

**No shows and late cancellations will be charged**

NAME \_\_\_\_\_ COMPANY \_\_\_\_\_  
TELEPHONE NO. \_\_\_\_\_ NO. OF PEOPLE \_\_\_\_\_  
PLEASE CHOOSE AN ENTRÉE:                      Chicken                      Fish                      Vegetarian

---

**PERMANENT RESERVATION FORM**

AEG San Francisco Section monthly dinner meetings are typically the 2nd Tuesday of each month.  
I will attend and make payment for each meeting. If I am unable to attend, I agree to fax or mail a cancellation notice to  
Chris Hundemer (fax: 408-866-9436) by NOON the Friday before the meeting or I will be charged for the meeting.

NAME \_\_\_\_\_ COMPANY \_\_\_\_\_  
TELEPHONE NO. \_\_\_\_\_ NO. OF PEOPLE \_\_\_\_\_  
BILLING ADDRESS \_\_\_\_\_  
SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ ENTRÉE \_\_\_\_\_