



SAN FRANCISCO SECTION NEWSLETTER



Meeting Details:

- **THURSDAY, November 18th**
- Spenger's, Berkeley
- 6:00pm – Cocktail Hour
- 7:00pm – Dinner
- 8:00pm – Speaker
- \$35 members, \$15 students, \$35 non-members

Reservations Due By NOON, FRIDAY, NOVEMBER 12th!

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Earth Focus Geological Services
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NOVEMBER 2004 PROGRAM

ANNUAL JOINT AEG/ASCE MEETING

Bruce Hilton, Kleinfelder

CALIFORNIA'S HIGH SPEED RAIL - A STATEWIDE GEO-HAZARDS EVALUATION USING GIS

Created by Legislature in 1996, the California High Speed Rail Authority plans to provide more than 42 million annual commuters with a means of cross-state travel to reduce highway demands and improve air quality. The High Speed Rail (HSR) will consist of a 200+ mph steel-wheel electric system traveling more than 700 miles on at-grade, elevated, and subsurface tunnel and cut-and-cover rail that will transport passengers from Southern to Northern California in less than two hours with terminals convenient to major cities. The recent technical studies performed for the HSR are best viewed as a 700-mile alternative alignment analysis representing the majority of California's geologic, seismic, geotechnical, and hazardous materials conditions and related potential hazards.

A Geographic Information System (GIS) was used to compare available and some digitized statewide technical data layers including geologic, active faulting, groundwater, soils, oil and gas field, mineral resources, and historic and predictive ground motion data. The GIS analysis allowed emphasis on active fault crossings, ground motion, areas of deep slope instability/landslides, and tunnel excavation characteristics generally present at the San Jose-Merced Coast Ranges crossing, Bakersfield-Sylmar Tehachapi/San Gabriel Mountain crossing, and the seismically active western portions of Los Angeles, Orange, and San Diego Counties.

(Continued on Page 3)

Speaker Biography

Bruce Hilton is a Senior Engineering Geologist with more than 25 years experience as a consultant to private and public projects throughout the Western US. Bruce received his Bachelor of Science in Geology and completed Masters studies at the University of California at Los Angeles in 1978 and 1982 under Dr. Perry Ehlig and Dr. Martin Stout. He is based in Kleinfelder's Sacramento Office but provides engineering geology assistance and support throughout the firm's more than 50 offices and 1700 people. Bruce has a strong interest and skills in fault capability evaluation and modeling, landslide and slope stability investigations and mitigation, soil and groundwater assessments and remediation, and GIS applications. He has consulted on several state and interstate pipeline and transmission lines, the UC Merced project, 1997 landslide cleanups, and Folsom Dam Modifications, levee improvements, and a number of fault evaluations and seismic studies for schools and colleges.

IN THIS ISSUE...

- **Chair's Message**
- **November Meeting Details and Reservation Information**
- **September Meeting Notes**
- **AEG Annual Meeting Summary**

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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.

Submittals:
 Deadline is the 20th of each month for the following issue. Contact Maile Smith by email (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, Janine Weber-Band (secretary@aegsf.org).

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

CHAIR'S MESSAGE

Hello All:

For those of you that I haven't had the pleasure of meeting, I'm Patrick Drumm, your chair for the next two years. I'm grateful to have this opportunity to work with all of you to expand the AEG tradition of supporting professional growth and promoting awareness of the engineering geologic profession. I hope to continue scheduling the most interesting and enlightening speakers, and offering fieldtrips and short-courses of particular interest to the engineering geologic community. We will keep rotating our meeting locations (San Francisco, Berkeley, Oakland, and San Jose) to maximize opportunities for attendance. I am also looking for ways to work with other local and regional professional geologic societies to mutual benefit. For example, AEG will be involved with the 2005 annual GSA meeting to be held in San Jose.

We have come a long way under the leadership of Corinne Stewart, the outgoing chair, and the previous chair, Jason Preece. This has provided a good foundation on which to build our next story. However, we need your help. For those members that attend the meetings on a regular basis, we thank you! For those members that haven't been to a meeting in a while, give AEG another try. For those members that have recently hired new staff, introduce them at the next meeting. And remember that an AEG meeting can be the ideal place to find your next job or your next employee.

I am very appreciative of the section officers for volunteering their time and energy to support AEG. Bill Goodwin of Mactec is in the Vice-Chair position after serving as Publications Chair. Sachiko Tanikawa of Exponent is the new Treasurer. She is taking over for Chris Hundemer of Upp Geotechnology, Inc., who is concentrating on school at San Jose State University. Janine Band of EnviroVision, Inc. (her own company) remains our Secretary. A special thanks to all of the committee chairs, both incoming and outgoing, listed in alphabetical order: Keil Albert, Lisa Gentry, Julian Isham, Phil Johnson, Drew Kennedy, Gus Raggambi, Craig Reid, Maile Smith, Ernest Solomon, Jim Springer, and Robert Urban. Forgive me if I have left anyone out. Most of all, thanks to Corinne!

Let me know your thoughts and suggestions on how to better serve you over the next two years.

Pat
 Chair, AEG San Francisco Section

NOVEMBER SECTION MEETING DETAILS

The November Section Meeting will be held at Spenger's Fresh Fish Grotto at 1919 Fourth Street in Berkeley, California (phone: 510-845-7771).

Directions

From 80 West (driving towards the Bay Bridge) - Take the University Avenue exit at the Berkeley Marina. Turn right at University, driving east. Turn left at 6th Street. Turn left at Hearst (1 block). Turn left at 4th Street.

From 80 East (driving towards Sacramento) - Take the University Avenue exit. Follow the signs for Frontage Road (stay to the right). Turn right at Hearst. Turn right at 4th Street.

To make a reservation, please contact the ASCE Office at admin@asce-sf.org or 415-546-6546 by noon, Friday, November 12th

NO SHOWS AND LATE CANCELLATIONS WILL BE CHARGED!

SPONSORSHIP

Sponsor a Section Meeting or become a Section Corporate Sponsor! Show support for an individual presentation or a specific meeting, or donate to the Section and receive free advertisement each month, recognition at Section Meetings, and more!

Contact Patrick Drumm at chair@aegsf.org for more information on sponsorship.

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CALIFORNIA'S HIGH SPEED RAIL

(Continued from Page 1)

Conceptual mitigation options were also developed for these hazards. Active fault crossings, adjacent areas of high ground motion, deep-seated unstable formations/landslides, and to a lesser extent oil and gas fields were avoided by realignment where feasible. Tunnels and portals initially proposed along active faults were realigned resulting in at-grade fault crossings and portals outside of the area of influence of ground rupture. Mitigation of at-grade active fault crossings and adjacent areas of high ground motion may include speed reduction at crossing accompanied by modern ground motion-based SCATA systems to avoid derailment. Deep-seated unstable formations/landslides will require extensive stabilization methods. Tunnels proposed through mountain crossings were analyzed relative to excavation characteristics as well as strong ground motions. Tunnels, portals, surface grade separations, and elevated alignments will require extensive seismic design and mitigation efforts. Other subsurface conditions were considered more applicable to construction/operational methods typical to transportation projects in California.

SEPTEMBER SECTION MEETING NOTES

This meeting was the last before the annual national AEG meeting and provided a practice forum for four of our members who presented talks there. It was also the last meeting with the old officers and an opportunity to thank them for the terrific efforts they've all put in this last year. Corinne Stewart is completing as Chair, but will stay involved as past chair. Patrick Drumm is moving up into the Chair position with Bill Godwin serving as Vice Chair. Sachiko Tanikawa will take over as treasurer and Janine Weber-Band stays on as Secretary.

Ed Medley discussed how increasingly irregular surfaces enhance the strength of the failure planes of landslides/potential landslides in bimrocks. A well graded distribution of blocks produces potential failure planes with higher tortuosity and theoretically higher slope stability. The work is still in the qualitative phase.

Elizabeth Mathieson told the tale of failed sewer systems and tomato sauce-laden waste at a town in the Central

Valley. Hers was a talk about forensic work done to determine whether sinkholes developed along a newly installed sewer system were caused by poor construction techniques or by sewer overflows of waste from tomato processing plants. She walked us through the steps her group took to ferret out the truth such as reviewing building specs and release histories for the processing plants. The clincher was the visual evidence provided in the sinkholes themselves, which revealed poor seals between pipe segments; the holes in the pipes allowed tomatoey goo to ooze out, resulting in collapse of the overlying fill.

Bob Tepel shared his ideas about the importance of site characterization in engineering geology and how site characterization is the core function of our field.

Frank Kresse discussed the differences between the engineering geology and civil engineering fields and how difficult it has been for the California Board of Registration to keep the respective fields of expertise distinct with respect to defining "who does what" and also "who is best responsible for what". Kresse holds that because engineering geologists have the tendency to work with other specialists in a collaborative effort (unlike our engineer counterparts) our work product is likely to be more comprehensive. Therefore to do a project without the involvement of an engineering geologist would result in an inferior product. Tepel and Kresse are both working to keep the Board of Registration and State legislative measures on the right track by staying involved and providing input. Those of us who are newer to the field or are working hard to stay in business should applaud these members for their efforts to define and protect our livelihood in a rapidly changing and sometimes unfriendly environment.

Janine Weber-Band
Secretary, AEG San Francisco Section

***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

MEMBER UPDATES AND OTHER NEWS

AEG ANNUAL MEETING 2004 – DEARBORN, MICHIGAN

The 2004 AEG Annual Meeting was held at the Hyatt Regency in Dearborn, Michigan from September 26th through October 2nd. It was a small meeting – 220 people attended and there were 14 exhibitors. Eight of our Section members attended: Tom Barry, Lou Gilpin, Bill Godwin, Frank Kresse, Betsy Mathieson, Bob and

Alice Tepel, John Williams, and me. There were a total of 25 members from the Sacramento and Southern California Sections at the meeting. The Hyatt Regency was a beautiful hotel; the service and meals were very good.

I attended an enjoyable pre-meeting field trip to the western shore of Lake Erie and to Kelleys Island, Ohio. (Having always lived in California, I was amazed at how flat Ohio is). On the field trip we learned about dredging operations used in Lake Erie and about measures taken to protect shorelines and wetlands. At one stop, we saw a boat that is equipped with side-scan sonar used for mapping sediment deposits at the bottom of the lake. We drove through a neighborhood of beachfront properties, most of which were damaged by the effects of storms and coastal erosion - it seems that it doesn't matter where you are, some folks think that they are immune to damage caused by geologic hazards! Our final portion of the field trip was a ferry ride to Kelleys Island and a look at some "giant" glacial grooves (they were incredible and about the size of deep waterslides!). We ended our day with a great barbecue and view of Lake Erie at a lovely 100-year-old house on Kelleys Island.

The meeting started as usual with a keynote speaker and the presentation of AEG's Outstanding Environmental and Engineering Geologic Project award. This year's Outstanding Project award went to Ford Motor Company's Rouge River Center, Dearborn, MI. There was an informative presentation on Ford's Rouge River Center, describing the many innovative technologies that have been used to make the Center more environmentally friendly. One of the most interesting designs at the Center is the installation of a "living roof". Drought-proof vegetation was planted on the roof of the truck plant. The vegetation absorbs rain and melting snow, resulting in reduced storm water runoff (see the program with abstracts for a complete project description).

There were two and a half days of technical sessions and symposia. Speakers ranged from well-known AEG meeting veterans to students giving their first presentation. The Women in Geology breakfast was sparsely attended, but there was a great presentation on mercury contamination (anyone is welcome to attend this breakfast - not only women). The Corporate Business lunch was informative and enjoyable and several awards and scholarships were presented. I would encourage people to attend this lunch at future meetings; it is a great way to learn what is going on with the Association (condensed into an hour and a half). The Awards Banquet was well attended and enjoyable. This year's Special Event, a tour of Meadowbrook Hall, was very fun and interesting; the mansion (we just toured a portion of the 88 thousand square-foot home) was amazing and complete with hidden passages and entire wings for each of the children. Dinner at Meadowbrook Hall was delicious and offered an opportunity for socializing with people from other

Sections and catching up with our own Section members.

The 2004 Annual AEG Meeting in Dearborn was very enjoyable with abundant activities and learning and networking opportunities. On a negative note, the meeting lost about \$10,000. There has not been an annual meeting with a negative income in about seven years. Measures will be taken to avoid future financial losses at annual meetings. Even though the meeting was not a financial success, it was a very enjoyable meeting to attend. For the future, I encourage everyone to consider the smaller, far-away meetings as an excellent opportunity to meet some new people and learn about some different aspects of environmental and engineering geology.

Corinne Stewart
Past Chair, AEG San Francisco Section

AEG-SF OFFICER NOMINEES ELECTED

By nearly unanimous vote (about 40 member's voted), the Section's slate of officers has been voted into office. Write-ins included Nathan Berube, Ernie Solomon, and Frank Kresse.

AEG MEMBERSHIP RENEWALS ARE DUE!

Just a reminder that AEG memberships are due now to ensure that your name is included in the printed version of the 2005 Membership Directory. Your Regular membership dues of \$105.00, plus San Francisco Section dues of \$30.00 can be paid by:

- 1) Logging on to www.aegweb.org with your ID and password, and clicking on the "Membership Services" link on the left of the page. Click on the "Online Membership Renewal" to renew your membership via our secure server.
- 2) Call Becky Roland, AEG Chief Staff Executive, at 303-757-2926 with your credit card number.
- 3) Fax Becky at 303-757-2969 with your renewal (sent in July) and credit card number.
- 4) Mail your membership renewal to AEG, PO Box 460518, Denver, CO 80246.

Please email Becky at broland@aegweb.org if you have any questions or if you need another renewal form.

Thank you for your continued support of AEG.

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TILFORD FIELD STUDIES SCHOLARSHIPS

Applications for the 2005 undergraduate and graduate Norman R. Tilford Field Studies Scholarships are now available on the AEG web site at www.aegweb.org (follow the AEG Foundation link to Tilford Fund information).

Field study and interpretation of the resultant data is a cornerstone of our profession, and Past-President Norman R. Tilford was an impassioned teacher of field geology. The Norman R. Tilford Field Studies Scholarships are student awards granted by the AEG and the AEG Foundation in support of graduate and undergraduate field studies. Tilford Scholarship awards are made to qualified student members of the AEG based upon demonstrated scholarship, ability, participation, and potential for contributions to the profession.

Students who are not currently AEG members who are interested in the scholarship, may submit membership applications with the Scholarship Application form. Membership applications can be found on the AEG web site at www.aegweb.org.

THE APPLICATION DEADLINE IS FEBRUARY 1, 2005 (applications must be RECEIVED by this date to be considered). See the AEG web site for more information regarding applying for the scholarship, or contributing to the Tilford Scholarship Fund.

If you have questions, please contact Deb Green, Chairman of the Norman R. Tilford Scholarship Committee, at 505-867-0670 or tilgreen@aol.com.

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2004-2005 NCGS COLLEGIATE SCHOLARSHIPS PROGRAM

The Northern California Geological Society (NCGS) is pleased to announce the availability of two scholarship awards for the 2004-2005 academic year.

Undergraduate Scholarship Award of \$500 – for candidates working toward completion of a senior thesis or honors research program. Funding is provided for projects implemented during the 2005 calendar year. Application deadline is November 19, 2004 for a December 17, 2004 award date.

Graduate Scholarship Award of \$1000 – for candidates working toward the MS or PhD degree. Funding is

provided for projects implemented during the 2004 calendar year. Application deadline is January 31, 2005 for a March 31, 2005 award date.

Applications can be requested from and submitted to Randy E. Kirby, Chair, NCGS Scholarship Committee, 67 Brookwood Road, Unit 20, Orinda, CA 94563, 925-288-2344, Fax 925-827-2029, rkirby.geosci@usa.net.

Funding priority will be directed to research programs focusing on topics in structural, stratigraphic, economic, engineering or environmental geology, geophysics, mapping, stratigraphic paleontology, or paleoecology, implemented within the State of California or immediately adjacent western states. Candidates will be evaluated based on submission of a cover letter requesting the award, a brief (no more than 2 page) summary of the proposed research topic, and a faculty signature confirming departmental approval of the application. Winners will be invited to speak or otherwise present their research at a regular evening NCGS meeting in Orinda, California.

CALIFORNIA BOARD FOR GEOLOGISTS AND GEOPHYSICISTS – UPCOMING EXAMINATIONS

November 24, 2004, is the application deadline for the next examinations for geologist, geophysicist, engineering geologist, or hydrogeologist licensure, which will take place on Friday, March 4, 2005. Visit www.geology.ca.gov/examinations for more information.

CALL FOR NOMINATIONS: EARTH SCIENCE TEACHER OF THE YEAR AWARD

The NCGS is pleased to announce that it will accept applications from candidates in the Northern California region for the Year 2005 competition for the Earth Science Teacher of the Year Award. The \$750 NCGS award is intended to recognize pre-college earth science programs already in place, and to encourage their organization in districts where they have not been fully developed. Nominations of qualified K-12 teacher candidates are solicited from teachers, school administrators, teacher outreach programs, and other interested parties.

NCGS has joined with the American Association of Petroleum Geologists (AAPG) Foundation in presenting a \$5,000 national award, to be given to a K-12 teacher for Excellence in the Teaching of Natural Resources in the Earth Sciences. The award recognizes balanced incorporation of natural resource extraction and environmental sustainability concepts in pre-college earth science curricula. It includes \$2,500 to the teacher's school for the winning teacher's use, and \$2,500 for the teacher's personal use. The award will be given at the 2006 AAPG Annual Meeting in Houston, Texas.

The deadline for application submittal by candidates for the \$750 NCGS award is Tuesday, February 15, 2005.

The NCGS awardee's application will be submitted to a regional competition sponsored by the AAPG Pacific Section. The Pacific Section winner will receive a \$500

award at the Pacific Section regional meeting in San Jose, California, in late April 2005, plus up to \$250 toward meeting expenses and enrollment in the AAPG short course for earth science teachers, Rocks in Your Head. The regional winner's project will be submitted to AAPG headquarters for the national contest. The national winner will receive an expense-paid trip to Houston in 2006 to attend the national meeting and receive the award.

Interested candidates or nominators can request Application Information and an Entrant Application Form or submit an application by contacting John Stockwell, Chair, K-12 Geoscience Education Committee, NCGS, 1807 San Lorenzo Avenue, Berkeley, California 94707-1840, 510-526-5346, kugeln@msn.com.

AEG San Francisco Section Thanks our Academic Sponsor!

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OTHER MEETING ANNOUNCEMENTS

AEG ANNUAL MEETING

The 2005 AEG Annual Meeting will be held in Las Vegas, Nevada, September 17-25.

GSA CORDILLERAN SECTION ANNUAL MEETING

The 101st Annual Meeting of the Cordilleran Section, Geological Society of America (GSA) and the 80th Annual Meeting of the Pacific Section, AAPG, will be held jointly at the Fairmont Hotel, San José, California, April 29–May 1, 2005. The theme is Bay, Basins, Basement, and Beyond. The 2005 annual meeting will be hosted by the Department of Geology, San José State University. Up-to-date information about the meeting can be found at www.geosociety.org/sectdiv/sections.htm.

Papers are invited for a variety of topical sessions (oral and poster), including symposia, theme sessions, and general technical sessions. Authors interested in volunteering papers for symposia should contact the appropriate convener prior to submitting an abstract. Oral presentations in most technical sessions will be 15 minutes in length, including three minutes for questions. Some sessions may be organized with a longer format. Contact session chairs for details. All oral sessions will utilize a single digital projector and PowerPoint software. An overhead projector will also be available in each room. Use of 35mm slides is discouraged and will only be accommodated by special arrangement with the technical program chair at an additional cost. Requests for slide projectors must be made one month prior to the

meeting. Poster space will be 4 by 8 feet, and authors will be required to be present at their poster for at least two hours.

The Abstract deadline is February 1, 2005. Abstracts for all sessions should be submitted online at www.geosociety.org. If you cannot submit your abstract electronically, contact Nancy Carlson, 303-357-1061.

AMERICAN GEOPHYSICAL UNION FALL MEETING

Plan to attend the AGU Fall Meeting, December 13-17, 2004 in San Francisco, California. The 2004 AGU Fall Meeting is expected to draw a crowd of over 10,000 geophysicists from around the world and provides an opportunity for researchers, teachers, students, and consultants to present and review the latest issues affecting the Earth, the planets, and their environments in space.

Online, postal, and/or fax registrations must be received at AGU headquarters by November 11, 2004. After this date, individuals must register onsite.

For more information, visit www.agu.org/meetings/meetings.html, or contact AGU Meetings Department, 2000 Florida Avenue, NW, Washington, DC 20009, 800-966-2481, ext. 333 or 202-777-7333, Fax 202-328-0566, or meetinginfo@agu.org (subject: 2004 Fall Meeting).

ASSOCIATION FOR WOMEN GEOSCIENTISTS

Seena Hoose, SCVWD, will pull from her vast experience as a female geoscientist professional and present key questions that are a concern to all professional geologists in her talk entitled, "We've Come A Long Way, But We're Not There Yet!"

Ms. Hoose will help her audience to define and answer pertinent questions:

- What does it mean to be a professional?
- How do women work in the profession?
- Why is the Geology profession worth saving?
- How do we ensure geological jobs for the future?

The AWG meeting will take place on Thursday, November 18, 2004, at the Washington Inn, 495 Tenth Street; Oakland. Contact Holly Orndorff at hollyanneo@yahoo.com or 510-222-2550 for information or to make a reservation.



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NORTHERN CALIFORNIA GEOLOGICAL SOCIETY

The November NCGS meeting will be held on Wednesday, November 17, 2004, at 7:00 pm at the Orinda Masonic Center (note: the talk is one week early this month). Dr. Wayne Narr, Chevron-Texaco Energy Technology Company, San Ramon, will speak about Understanding and Predicting Fractures at Tengiz – A Giant, Naturally Fractured Reservoir in the Caspian Basin of Kazakhstan.

The NCGS typically meets the last Wednesday of each month in Orinda at the Masonic Center, 9 Altarinda Road. There is a social period at 6:30 pm, and at 7 pm a talk (no dinner). To reserve, leave your name and phone number at 925-424-3669 or danday94@pacbell.net. Cost is \$5 per regular member; \$1 per student member.

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SHORT COURSES

For Short Course information and submittals, please contact:

Ernest Solomon
Short Course Chair, AEG San Francisco Section

FIELD TRIPS

Seismic Hazard of the Range Front Thrust Faults Guidebook

The guidebook from the sold-out March 2004 Range Front Thrust Fault Field Trip is now available on the section website for downloading. The PDF version of the guidebook is approximately 49 megabytes, and can be opened and printed using Acrobat Reader. The guidebook contains an overview paper, directions and mileage log, 10 technical papers, and many color photos and illustrations. The guidebook is a must-have reference for engineering geologists working along the northeastern range front of the Santa Cruz Mountains between Los Gatos and Daly City. If you would like to purchase a printed, spiral-bound copy of the guidebook, we are currently taking orders. The book sells for \$30 (\$5 more if you would like it shipped to you). To order a guidebook, contact publications_chair@aegsf.org or call Corinne Stewart at 408-778-2818.

PGS and NCGS Guidebooks

The Peninsula Geological Society has posted guidebooks from their recent field trips, including Panoche and Tumey Hills (2004), White-Inyo Range (2002), Mount Shasta and the Klamath Mountains (2001), Big Sur (2000), and the Northern Sierra Nevada (1982). The guidebooks can be downloaded from www.diggles.com/pgs/.

The NCGS has posted photos and comprehensive field trip reviews for many of their recent field trips, including Sierra Buttes (2002), Sixteen-to-One Mine (2003), San Francisco Bay Model (2003), Northbrae Rhyolite, (2003), Pacheco Pass - Franciscan Metasedimentary Section (2003), Diablo-Antiform – Diablo Range Intersection (2003), Geology of the Right Stepover Region – Rogers Creek and Maacama Faults (2003), Clear Lake Volcanics (2003), and Pt. Reyes Area (2003). The NCGS plans to post the guidebook for each field trip at a later date. Visit www.ncgeolosc.org for more information.

Upcoming NCGS Field Trips

Spring (March) 2005 – Colorful Geology of the Fremont Area; Joyce Blueford and Paul Belasky

Spring 2005 – Robert Sibley Volcanic Regional Preserve in the Berkeley Hills; Stephen Edwards, Director, Tilden Regional Botanic Garden

For Field Trip information and submittals, please contact:

Phil Johnson
Field Trip Chair, AEG San Francisco Section

EMPLOYMENT NOTICES

Please note: AEG provides the following as a courtesy but does not necessarily endorse these services or companies nor does it take responsibility for actions pursuant to these notices.

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Conduct and/or oversee remediation, site investigation, and other technical work for existing clients within the SF Bay Area. May include directing staff on technical work; interacting with clients; developing and tracking budgets; business development and proposal preparation; and making presentations to and negotiating with regulatory agencies and other stakeholders. Requires at a minimum a Bachelor's degree in engineering or geology/hydrogeology; professional registration preferred; current 40-hr and 8-hr SARA/OSHA training; 2-8 years' experience in environmental remediation projects. Additional requirements include strong organizational and data interpretation skills; excellent communication, writing/editing skills; knowledge of federal and state environmental regulations; experience with VOC ground water remediation. Vapor intrusion/indoor air experience a plus. Position may work in Mountain View and/or Emeryville offices.

Please send your resume to Human Resources at jobs@weiss.com.

Maile Smith
c/o Weiss Associates
350 East Middlefield Road
Mountain View, California 94043

**AEG San Francisco Section – November Newsletter
Monthly Section Meeting – Thursday, November 18th
Spenger’s – Berkeley**

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

RESERVATION FORM

Joint AEG San Francisco/ASCE Geotechnical Group meeting – Thursday, November 18, 2004 – 6:00 pm
Spenger’s Fresh Fish Grotto – Berkeley

Reservation Deadline: 12:00 PM, FRIDAY, NOVEMBER 12th

CONTACT THE ASCE OFFICE AT admin@asce-sf.org OR **415-546-6546** TO MAKE A RESERVATION

Dinner and Meeting Cost: \$35 – members \$15 – student members \$35 – non-members

No shows and late cancellations will be charged!

NAME _____ COMPANY _____

TELEPHONE NO. _____ NO. OF PEOPLE _____

PLEASE CHOOSE ENTREE(S): Fish Chicken 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 Sachiko Tanikawa 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 _____