



## SAN DIEGO ASSOCIATION OF GEOLOGISTS

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## SDAG MEETING ANNOUNCEMENT

### (joint meeting with the Inland Geological Society)

**Wednesday July 18, 2001**

**Where:** **Embassy Suites, Temecula**  
29345 Rancho California Road  
Temecula, CA 92591  
Phone: (909) 676-5656

**When:** 6:00 pm – Social Hour  
7:00 pm – Dinner  
8:00 pm – Program

**Directions:** From I-15 in Temecula, take the Rancho California Road exit and head east. The Embassy Suites Hotel is just off the freeway exit, on the east side of I-15, at the SW corner of Rancho California Road and Ynez Road.

**Dinner:** Chicken Penne Pasta or Roasted Pork Loin Chops w/ salad, veggies, coffee, tea & dessert.

**Cost:** \$25 per person, students \$15 with ID

**Reservations:** Make your reservation online through the SDAG website at <http://www.znet.com/~sdag> or call the SDAG Reservation Line at: (858) 974-6994, ext. 1760, before 5:00 pm Monday, July 16. Contact Pat Brooks at (619) 532-0930 with any questions (I don't have voice mail).

**Speaker:** **Dr. Tom Rockwell, San Diego State University**

Dr. Thomas Rockwell is an internationally renowned paleoseismologist and geomorphologist. He is an expert on the tectonics of southern California and Baja California, has conducted extensive trenching programs to date earthquakes on faults in the western U.S., Middle East and Asia, and routinely uses soil stratigraphy and geomorphology to assess rates of fault activity and determine recency of faulting. He often consults for local geotechnical and archaeological consulting firms, providing input on the age of the soils or geomorphic surfaces of interest and assisting with fault evaluations to resolve recency of movement.

Dr. Rockwell received his B.S. in Geology from the University of Nevada, Reno in 1976 and his Ph.D from the University of California, Santa Barbara in 1983. Dr. Rockwell is a professor of neotectonics and Quaternary geology at San Diego State University, where he also is the Director of the Quaternary Lab. Dr. Rockwell has also been the principal investigator for numerous research studies funded by the National Science Foundation, the U.S. Geological Survey, and the Southern California Earthquake Center.

### **Program: Elsinore Fault Zone**

Dr. Rockwell will be discussing the Elsinore Fault Zone, which is one of the principal strands of the San Andreas fault system in southern California. The Elsinore Fault Zone is over 200 km in length, extending from the city of Corona in the north, to the Mexican border and beyond. Dr. Rockwell has been involved in several studies that have focused on the late Quaternary slip rate of the fault zone, including soil chronology techniques to establish the age of displaced features, and more recently, 3-dimensional trenching techniques. Results of recent 3-dimensional trenching across the Wildomar strand of the Elsinore fault zone in the Murrieta area are presented in a recent paper published in last year's SDAG guidebook: Geology and Enology of the Temecula Valley.

### **UPCOMING 2001 MEETINGS:**

August 15 <sup>th</sup>	Alan Pace of Golder – tunneling for SD trolley – Old Spaghetti Factory
September 15 and 16	Annual SDAG Field Trip
October 17 <sup>th</sup>	Dan Johnson, Jay Jones, and Chris Spengler of EBS – Brownfield Issues of the Downtown San Diego Ballpark – Clarion Hotel (downtown San Diego)
November 5 <sup>th</sup>	Tentative joint meeting with SCGS at El Adobe Restaurant, speaker Richard Escandon of Converse Consultants (tentative) – date to be announced
December 19 <sup>th</sup>	SDAG elections, student scholarships, Tom Demere – SDNHM

### **2001 CORPORATE SPONSORS**

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Please consider becoming a Corporate Sponsor or renewing your sponsorship of SDAG for 2001! In addition to monthly recognition for your contribution, you will be entitled to a free internet "link" from the SDAG Website, and we list our sponsors at the front of the SDAG Field Trip Volume.

## ANNOUNCEMENTS:

**SDAG NEWSLETTER IS DIGITAL!** If we don't have your e-mail address, or if you have problems with the electronic format please contact Pat Brooks: [brooksgp@efds.w.navfac.navy.mil](mailto:brooksgp@efds.w.navfac.navy.mil).

**Last May's meeting at Del Mar Hilton** had approximately 40 attendees who enjoyed two GIS presentations prepared by Pat Atchison, J. Tessier, and David Blauvelt from TAIC. The presentations demonstrated the versatility of GIS applications. One project compiled a wealth of data from Camp Pendleton to manage facilities/utilities, police/fire response systems, natural resource, environmental, risk assessment, and military applications such as combat exercises and simulations. The second presentation demonstrated how data management could be used to evaluate contamination sources and assess cleanup solutions at a hazardous waste site. Thanks very much to TAIC!

**Job Changes:** -Bob Stroh and Pat Brooks both changed their place of employment last month. Check the newsletter header for new phone, fax, and e-mail addresses. Sorry for the inconvenience, but we couldn't turn away the huge pay raises!

**SDAG Wear:** - Monte Murbach has a variety of shirts, hats, visors and even a nice vest with the SDAG logo. A small selection is available for purchase at the meetings and all SDAG wear can be ordered.

**2000 Field Trip Guide is Available:** - The 2000 Field Trip Guide, *Geology and Enology of Temecula Valley*, is available for purchase at SDAG meetings or via the publication order form (attached).

**SDAG Picnic – June 9th:** The picnic was a lot of fun! The sun came out early and Monte grilled up a delicious array of steak, burgers, Hebrew National hot dogs (yeah baby!) and veggie burgers. There were also great salads, top secret baked beans, and other delights too scrumptious for words. I finally got to meet Nelson Escue and learned a lot about oil and gas production in Kansas. It was a great day visiting and relaxing at the bay.

**Past Presidents Meeting:** Many of the past presidents met on May 12<sup>th</sup> to discuss SDAG history and how we can improve our organization. Watch for a meeting summary in the August newsletter.

**SDSU Geology Department Seminar Series** – Wednesday Afternoons - The seminar announcement page is at: <http://www.geology.sdsu.edu/seminars/>

**Raft Trip - \$2002 in Y2002!** Join your geo-pals on an eight-day Grand Canyon raft trip in late June 2002. Yes, we anticipate that the cost will be close to \$2002 – if you would like more info, contact Sue Tanges, 619-442-8022 or e-mail, [s.tanges@att.net](mailto:s.tanges@att.net)

**2001 SDAG Field Trip: Engineering Geology of San Diego County.** Bob Stroh, Vice President of SDAG, is the field trip chair. The field trip is scheduled for September 15- 16. This trip will return to and focus on San Diego County. The trip will look at the geology of the region, including faults, landslides and unique features. There will be an emphasis on engineering geology. The schedule of topics/stops now includes: Saturday: Alan Pace - SDSU Trolley Tunnel Project; Lee Vanderhurst and Alan Pace - Chula Vista Lateral Spread; Pete Rutledge - Otay Rock Quarry and processing facility, and Sunday: Rob Hawk - Sunset Cliffs, coastal bluff issues, Andy Rindell - Southwest Fisheries cliff stability. Other topics/stops are currently being planned. We will be spending the night at the Lake Jennings campground with a catered Saturday night dinner and a simple continental breakfast the following morning. Registration for the field trip will start next month! Final papers for the field trip guidebook will be due sometime in July.

## **POSITIONS AVAILABLE:**

- County of Los Angeles, Department of Public Works seeks an Engineering Geology Assistant. The position involves review of geological literature, and existing geological maps for information pertinent to current or planned projects; identify geological features such as faults, fissures, types of soil and previous landslide areas and determine potential geological problems. For further information contact Nicole Huynh at 626-458-2126.
- US Laboratories seeks Senior, Project, and Staff level Geotechnical Engineers and Geologists with 5 to 10 plus years experience, and experienced Field Technicians and Inspectors with appropriate certifications. Positions available in Ventura, Irvine, San Diego, and Las Vegas. Please submit resumes in confidence to: US Laboratories, Inc. (USLB), 7895 Convoy Court, Suite 18, San Diego, CA 92111, Attention Human Resources c/o M. O'brien, or by email to [mobrien@uslaboratories.com](mailto:mobrien@uslaboratories.com). Testing Engineers – San Diego is a SDAG Corporate Sponsor.
- Bechtel Environmental, Inc. is seeking experienced professional staff in our San Diego office. A BS or MS in environmental, chemical or civil engineering is required, with a minimum of 4 to 5 years experience. CERCLA and RCRA experience a plus. The successful candidate will assist with providing technical input into CERCLA/RCRA investigation planning, execution and report writing with emphasis on data evaluation and presentation. Support for one or more projects both in the office and in field investigations will be required. 40-hour OSHA training desirable but not required. Send your resume to [keumbarg@bechtel.com](mailto:keumbarg@bechtel.com), or K. Umberger, Bechtel Environmental, Inc., 1230 Columbia St., Suite 400, San Diego, CA, 92101.
- Geocon Consultants, Inc., a San Diego-based environmental services firm, is seeking Project Level Engineers or Geologists with site assessment and/or remediation experience. Minimum 5 years experience and registration required. California consulting experience preferred. Email resume to [environmental@geoconinc.com](mailto:environmental@geoconinc.com) or fax (858) 558-8437 (Geocon, Inc. is a SDAG Corporate Sponsor).
- GEOSYNTEC CONSULTANTS, a national environmental consulting firm, seeks individuals for our San Diego office with BS/MS in geology or hydrogeology, with 1-3 years experience in environmental field work, including lithologic logging; monitoring well installation; soil, sediment, surface water, and ground-water sampling; aquifer and slug tests; and management of subcontractors. Ideal candidate will have good oral/written skills. Travel required; physically fit & clean driving record. Competitive salary with excellent benefit package. Fax resumes to (858) 674-6586 or email to [twest@geosyntec.com](mailto:twest@geosyntec.com).
- STAFF ENGINEERS & SOIL TECHNICIANS – Southern California Soil & Testing, Inc. (SCST) has 2 - 3 positions available for experienced staff engineers and soil technicians with several years experience towards registration and certification. SCST offers a comprehensive compensation and benefit package, and the opportunity to work on a wide range of projects. Submit resumes in confidence to SCST, 6280 Riverdale Street, San Diego, California 92160-0627, Atten: Steve Jensen, or fax to (619) 280-4717.
- Dean Ryan Consultants has positions open for the San Diego and San Francisco area for entry-level geologists and environmental scientists positions available. Familiarity with RCRA/CERCLA, RI/FS and Work Plan development a plus but not necessary. Immediate employment available and for recent or soon to be graduated candidates. Work is in San Diego and San Francisco. Send Resume to: [dvalentine@deanryan.com](mailto:dvalentine@deanryan.com) or fax: (619) 239-9821.
- Ninyo & Moore has the following positions to be filled include in San Diego: Project-level Geotechnical Engineers and Geologists (5+ years experience); Staff and Senior Staff-level Geotechnical Engineers and Geologists (2+years experience); Field Technicians with appropriate soils and materials testing certifications; Deputy Inspectors for concrete, masonry, welding and structural steel (ICBO certification required, DSA and City of San Diego certification a plus). Please submit resumes in confidence to our Corporate Personnel Director at: Ninyo & Moore, 5710 Ruffin Road, San Diego, California, 92123, or via e-mail at [careers@ninyoandmoore.com](mailto:careers@ninyoandmoore.com). EOE.

- ENVIRONMENTAL TECHNICIAN - BBC Environmental, Inc. is an environmental consulting company specializing in groundwater monitoring, sampling, and remediation. We are looking for a field technician to perform groundwater and soil sampling and general equipment maintenance. This is a full-time, entry-level position with great potential for growth in our company. Science background, computer skills, mechanical abilities and 40 hour HAZWOPER training are a plus. Please send a resume to: Personnel, P.O. Box 462847, Escondido, CA 92046-2847. No phone calls please.
- Alexander & Drake, a retained executive search firm, is seeking **an Environmental Sciences Director** for a large multi-disciplined engineering firm. 10+ years of experience is required with a bachelors degree and preferably a post graduate degree. Management coursework and/or an MBA is a plus. Specific experience should include EIR and EIS environmental studies experience for NEPA and CEQA, as well as permit and consultation experience with the EPA and Army Corps of Engineers.. **Position is located in San Diego.** This individual would head up the interdisciplinary environmental science program. Lucrative compensation/benefits package. Also seeking a **Project/Program Manager** with storm water analysis and compliance experience to manage a storm water project. At least 3+ years of experience required. Position is based in San Diego. Mid-level environmental analyst – 5 years experience with extensive NEPA CEQA experience. Located in SD, but will support the Las Vegas office. Please send resume to [bbklaft@mindspring.com](mailto:bbklaft@mindspring.com) (770) 521-0988 or fax to (770) 831-7977.
- Loyola High School of Los Angeles, Earth Science and Geology Teacher - founded in 1865, Loyola is an all-male, four-year, private Catholic college preparatory school run by the Jesuits. Typically, 99% of the graduates go directly to higher education, 95% to four-year colleges. Current enrollment is around 1170 with 87 faculty members. Bachelor's degree in the physical sciences required. Teaching credential, teaching experience, and masters degree preferred but not required. Pay commensurate with experience. Vacancy begins in August 2001. Please contact Andrey Aristov [\[mailto:aaristov@loyolahs.edu\]](mailto:aaristov@loyolahs.edu)
- SENIOR ENVIRONMENTAL GEOLOGIST/HYDROGEOLOGIST: Environmental Business Solutions is looking for a Senior Geologist/Hydrogeologist to join their successful team. 7 to 10+ years experience, California registration (RG, CEG, CHG) required. Must have extensive experience in soil and groundwater investigations and remediation, with strong oral, written, and project management skills. The ability to manage multiple tasks, priorities, and to manage, lead, and mentor others is required. The ideal candidate will be highly motivated and have strong problem solving and client-service skill sets. Compensation and benefits commensurate with education and experience. Environmental Business Solutions offers challenging work, opportunities for growth, and a competitive compensation and benefits package. Please send a resume, cover letter, and salary requirements to Environmental Business Solutions, Inc., Attn: Human Resources, 8799 Balboa Ave., #290, San Diego, CA 92123 or email cover letter/resume in MS Word format to [info@ebsenvironmental.com](mailto:info@ebsenvironmental.com). EBS is an equal opportunity employer.

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<i>Seismic Risk in the San Diego Region</i> Roquemore, Tanges and Wright (1989 - proceedings)		5.00	
<i>Geotechnical Engineering Case Histories in San Diego County</i> Hoobs (1990)		5.00	
<i>Environmental Perils, San Diego Region</i> Abbott and Elliott (1991)		5.00	
<i>Natural History of the Coronado Islands, Baja California, Mexico, Revisited</i> Perry (1992)		5.00	
<i>Geology and Natural History, Camp Pendleton United States Marine Corps Base, San Diego County, California</i> Rosenberg (1994)		15.00	
<i>Paleontology and Geology of the Western Salton Trough Detachment, Anza-Borrego Desert State Park, California</i> Remeika and Sturz (1995)		15.00	
<i>Geology and Natural Resources of Coastal San Diego County, California</i> Munasinghe and Rosenberg (1996)		20.00	
<i>Santa Cruz Island Geology Field Trip Guide</i> Boles and Landry (1997)		15.00	
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<i>Water for Southern California</i> Cranham(1999)		15.00	
<i>Geology and Enology of Temecula Valley</i> Birnbaum and Cato (2000)		15.00	
<i>Engineering Geology of San Diego County</i> Stroh (2001)		(avail. 11/01)	
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