



SAN DIEGO ASSOCIATION OF GEOLOGISTS

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MEETING ANNOUNCEMENT

Wednesday, November 17, 1999

Place: The Chula Vista Nature Center
1000 Gunpowder Point
(E street & Bay Blvd; Chula Vista)
Phone: (619) 422-2473

Time: 6:00 - Social Hour
7:00 - Dinner
8:00 - Program

Directions: Interstate 5 south, take the E Street off-ramp in Chula Vista, go about 1 block west. Park your vehicle at the free parking lot 1 block west of I-5, which is at the intersection of E Street and Bay Blvd. Wait for the tram (will be running constantly from 5:30pm until end of our meeting) for a ride to the Nature Center (private vehicles not allowed; it's a very short tram ride).

Dinner: Mexican buffet, catered by El Torito (diagonally across the street)

Cost: \$ 20.00 per person (Children under 12 & Students with ID: \$ 10.00)

Reservations: Call the SDAG Reservation Line at Hargis + Associates, Inc.: (619) 454-0165, Ext. 190, before 5:00 pm Friday, November 12. Or, make your reservation online through the SDAG website (see above). Contact Barbara Birnbaum (SDAG Secretary) with any questions.

Program: **The Rise and Fall of San Diego; 150 Million Years of History Recorded in Sedimentary Rocks**

Speaker: **Dr. Patrick L. Abbott, San Diego State University**

Dr. Abbott will talk from his newly released book: *The Rise and Fall of San Diego County*. The talk will cover the local stratigraphic section from Jurassic through Quaternary. Each stratigraphic interval will be examined in sequence with an overview of its general nature. Key characteristics for each time will be emphasized with some new ideas presented. We will read the different sedimentary-rock bodies to learn the tales of their changing tectonic regimes, varying provenance, differing depositional environments, and wide-ranging paleoclimates. We will finish up with the Quaternary evolution of the San Diego landscape.

Dr. Abbott has been a professor in the Department of Geological Sciences at San Diego State University since 1971.

UPCOMING 1999 MEETINGS:

Wed., December 15: Tom Deméré, *San Diego Natural History Museum Paleontology Update*
Scholarship announcements
SDAG officer elections for year 2000

The tentative schedule for next years' meetings (year 2000) will appear in the December newsletter.

1999 CORPORATE SPONSORS:

We are pleased to be able to extend our most sincere **thanks** to our Corporate Sponsors for 1999! Their generosity allows us to plan the annual field trip and produce field guides, to host the SDAG/SDSU picnic on Mission Bay, support student participation at a greatly reduced price, produce this monthly newsletter, and to provide scholarship funds to local geology students. Our 1999 Corporate Sponsors are:

- AGRA Earth & Environmental
- Catlin Engineering Associates, Inc.
- Christian Wheeler Engineering
- Cotton, Shires and Associates, Inc.
- Joe Coronas
- Earth Consultants International
- Bill Elliott
- Geocon Inc.
- Geo-Tech Imagery Intl.
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- Mission Geoscience, Inc.
- Pacific Soils Engineering, Inc.
- Southland Geotechnical Consultants
- David and Jan Steller
- Anne Sturz
- Transglobal Environmental Geochemistry (TEG)
- Zeiser Kling Consultants, Inc.
- Carole L. Ziegler

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

ANNOUNCEMENTS:

Officer nominations for year 2000 are now being solicited. If you or anyone else you know is interested in becoming an SDAG officer, please contact any of the current SDAG officers to submit your nomination or ask any questions. The following nominations for the year 2000 have been received:

President: Greg Cranham
Vice President: Barbara Birnbaum
Secretary: Bob Stroh
Treasurer: Patrick Brooks
Other nominations: _____

Sincere thanks to Daryl Streiff, who generously donated a copy of every volume of SDAG publications from the SDAG founding in 1972 through 1995, with the exception of the years 1983 and 1984. These volumes are currently housed in the SDAG archive/library, which is located at Sunbelt Publications (contact Lowell Lindsay). These volumes are available to any SDAG member for perusal and research. Additionally, if you have any information leading to the identification and/or recovery of the 1983 or 1984 volumes, it would be greatly appreciated.

CHEERS! The SDAG beer pint glasses are in and are available for \$10.00 each. They're great-looking, sturdy, and a "must" for every SDAG member! Buy one (or a few!) at the next meeting.

SDAG website: Carolyn Glockhoff continues to update and manage our ever-evolving website. If you haven't yet seen this excellent and useful resource, check it out at: www.znet.com/~sdag. Also, send the URLs of your favorite geology sites to Carolyn (carolion@aznet.net) for listing on the Geologic Links page.

The annual SDAG field trip in October was a resounding success! Over two days, nearly 50 SDAG members and guests toured four water management facilities in southern California, from the foothills of the San Bernardino Mountains to the hills west of Escondido. Highlights of the trip included an underground tour of the Inland Feeder tunnel near Arrowhead Springs—the train took us about 1 ½ mile into the mountain, through the San Andreas fault zone. The only shower available to participants over the weekend was the blast of groundwater entering seams in the tunnel lining under several thousand feet of pressure—no one complained, though! We toured the 550-foot high Seven Oaks flood control dam on the Santa Ana River, nearing completion. Field trip participants valued the opportunity to contrast the construction of that dam with the three dams of the Eastside Reservoir Project, now under construction near Hemet. We also were able to view the early stages of construction at Olivenhain, where a rolled-concrete dam will create a 24,000 acre-foot reservoir in the highlands west of Del Dios and Lake Hodges. On Saturday night, we enjoyed the remote and spacious campground at Lake Skinner, and of course the hunger developed after a long day in the field was relieved by the famous Santa Maria style tri-tip barbecue dinner, grilled over oak to carnivorous perfection. Quote from the Riverside County park ranger, who joined us for hors-d'oeuvres and boeuf: "They'll never believe me!"

Many thanks to the many folks who helped out with all aspects of the 1999 field trip. The field volume and guidebook, delayed by the need for water agencies to review the papers describing their projects, will be available to trip participants and others as of the December SDAG meeting. And now we'll start planning a great field trip, always trying to surpass the previous excursion, for AD 2000!

The annual SDAG/ACSE/SDSU picnic (September): The weather was perfect, the BBQ was delicious, volleyball was fun, and a good time was had by all. See you at Mission Bay again next year!

The Gordon Gastil Endowed Scholarship Fund continues to seek donations of any amount. Gifts of \$ 500.00 or more will be recognized on a plaque to be placed in the remodeled Geology Building. Donations can be sent through SDAG, or contact Pia or Marie, Department of Geological Sciences, SDSU, at (619) 594-5586.

South Coast Geological Society (SCGS): The SCGS usually meets on the first Monday of every month, in Orange County. For more SCGS information, visit their new website at: www.southcoastgeo.org, or contact this year's SCGS President, Gwen Sharp at (714) 378-3231.

Los Angeles Basin Geological Society (LABGS): Upcoming meetings of the LABGS will feature: November 10, 1999 Millikan High School Auditorium Sponsored by LABGS, Dr. Harrison Schmitt, Geologist Astronaut on Apollo 17 and Senator from New Mexico will speak on exploitation of mineral resources on Earth and in space. November 18, 1999 LABGS, Dr. Lucy Jones of the USGS will speak about Southern California earthquakes. These are lunch meetings; contact Curtis Henderson at (562) 570-3937, or e-mail him at: cuhende@ci.long-beach.ca.us

San Diego Natural History Museum: upcoming program on Friday November 12; 6-8 p.m.: The Ultimate High: My Solo Ascent of Everest; Lecture and booksigning with Göran Kropp. Equipped with 240 pounds of equipment, Göran Kropp left Stockholm, Sweden on a bicycle to travel 8,000 miles to Kathmandu. Five months later, he reached the base of Mt. Everest. Kropp will share the experiences of his "ultimate high" with slides and stories. Price: \$8 each (Price does not include a copy of Kropp's book.). The lecture is co-sponsored by Adventure 16, Inc. Kropp and Whittaker's books are available for purchase at the night of their events or through the Museum's website at www.sdnhm.org/books. Interested readers should call (619) 232-3821 ext. 203 to purchase tickets or for more information.

SDSU Seminar Series: The Geology Department at SDSU has started a new seminar series. The next one is Wed. November 10th, at 1:00pm in the Chemistry-Geology Building, room CG-201. Dr. Tom Rockwell is the speaker, and his topic is: The Izmit (Turkey) and Hector (California) Earthquakes: Characteristics of Faulting and Prospects for Earthquake Forecasting. For more information, visit the website at: <http://www.geology.sdsu.edu/seminars/>

SDAG NEWSLETTER:

If you have any information, announcements, ads, geo-websites, geo-jokes or suggestions for the December newsletter, please submit it to Barbara Birnbaum (1999 SDAG Secretary). Any news regarding upcoming events that may be of interest to the Association or news of your business can be submitted. The submittal deadline for the December SDAG newsletter is Thursday, Nov. 25, 1999 (yes, before Thanksgiving, please).

POSITIONS AVAILABLE:

- **PETRA GEOTECHNICAL, INC.** The Environmental Division of Petra Geotechnical, Inc. has an immediate opportunity for a senior level Environmental Professional for its corporate office in Costa Mesa, which serves all of Southern California. Ideal candidate will play a key role in the positive development and growth of the division. Requirements include California Registered Geologist, as well as excellent communication skills, motivation, and ability to work as a team player is essential. Please send your resume (in confidence) to Marlaigne Hudnall @ Petra Geotechnical, Inc., Environmental Division, 3185-A Airway Avenue, Costa Mesa, CA 92626. EOE
 - **ANTHONY-TAYLOR CONSULTANTS**, a full-service engineering and architectural firm, is currently seeking senior staff and project-level geologists and engineers for our northern S.D. county office. The ideal candidates will have experience in engineering and/or environmental areas and have good people skills. We offer an excellent compensation package as well as a pleasant work environment. We also have opportunities for soils technicians and special inspectors. For immediate consideration, please fax resume to (760) 738-8232; Attn: Bruce Taylor.
 - **SOIL TECHNICIAN** – Est. San Diego geotechnical firm has immediate openings for technicians with 5 years minimum experience in Earthwork Operations. \$16-\$22/hr. commensurate with experience. Send resume to: Robert Prater Associates, 10505 Roselle Street, San Diego, CA 92121. (619) 453-5605.
 - **GEOSYNTEC CONSULTANTS**, a National environmental consulting firm, seeks individuals for our San Diego office with a BS or MS in geology or hydrogeology, with 1-3 years experience in environmental field work. Specific experience should include: lithologic logging; monitoring well installation; soil, sediment, surface water, and ground-water sampling; aquifer pumping test; 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 EOE M/F/V/D
 - **GEOCON Incorporated** is searching for talented people to help handle their ever-increasing workload. Currently openings:
 - ◇ Senior Staff Geotechnical Engineer with 2-4 years experience. BSCE required, MSCE preferred. Registration desirable. Previous experience in land development a plus.
 - ◇ Project Geotechnical Engineer with 3-5 years experience. BSCE required, MSCE preferred. Registration required. Experience in land development a plus.
 - ◇ Engineering Field Technician with 2+ years experience desired but not mandatory. Land development and/or hillside experience a plus.
- Please send resumes to: James E. Likins, President. Geocon Incorporated, 6960 Flanders Drive, San Diego, CA 92121-2974. Fax (619) 558-6159. No phone calls please. Geocon is an equal opportunity employer. **(Geocon, Inc. is an SDAG Corporate Sponsor)**
- **STAFF ENGINEERS & SOIL TECHNICIANS** – Southern California Soil & Testing, Inc. (SCST) has positions available for experienced staff engineers and soil technicians. SCST is trying to fill 2-3 positions with geotechnical professionals 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. Resumes should be forwarded in confidence to SCST, 6280 Riverdale Street, San Diego, CA 92160-0627, Attention: Steve Jensen, or fax to (619) 280-4717.
 - **FIELD TECHNICIAN** – Ogden Environmental and Energy Services is looking for a field technician to conduct soil and water sampling, drilling oversight, groundwater monitoring, well construction and O&M of remediation systems. Must have satisfactorily obtained a HS diploma, some relevant experience/training, be mechanically inclined in the areas of piping, electrical components, and common computer software. Must be 40 hour HAZWOPER trained. If interested, please submit resume to OEES, 5510 Morehouse Drive, San Diego CA 92121 or fax: (858) 458-0943. EEO/AA.

COOL WEBSITES OF THE MONTH:

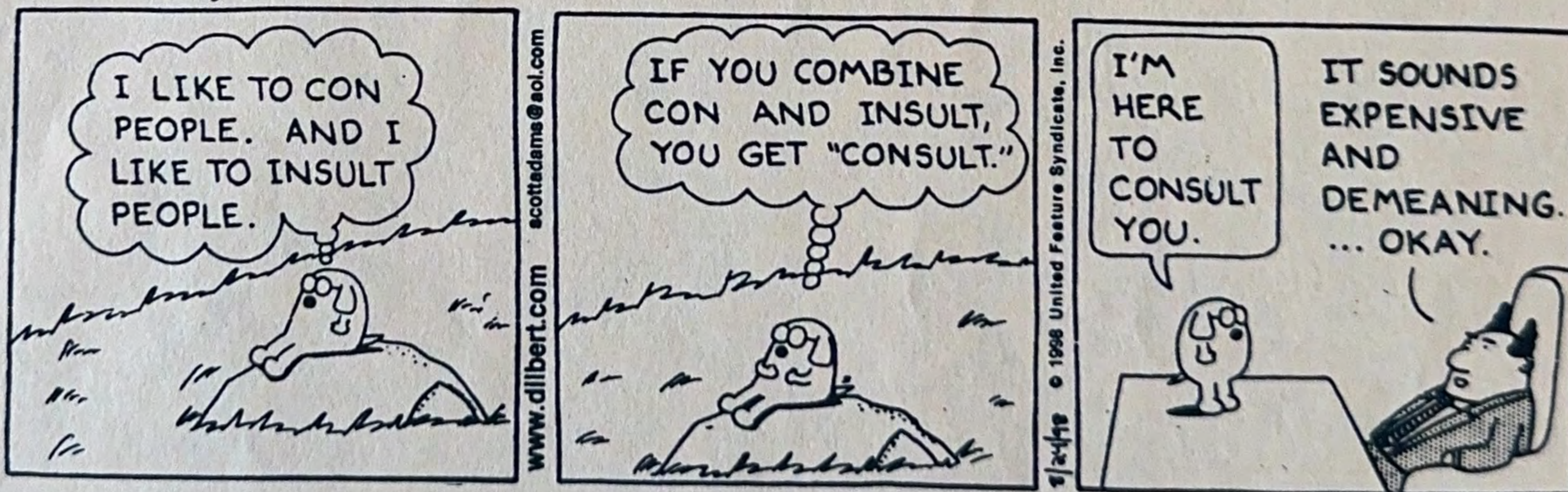
Here are the featured websites for this month:

- Water Education Foundation website: <http://www.water-ed.org>
- Pacific Section SEPM: <http://geosun1.sjsu.edu/~sedlock/SEPM/index.html>
- Pacific Section AAPG: <http://www.psaapg.org/>
- GeoIndex (geo-environmental internet search engine): <http://www.geoindex.com/geoindex/>

Please email future candidates for SDAG cool websites of the month to Barbara Birnbaum, thank you!

HAPPY THANKSGIVING!

DILBERT by SCOTT ADAMS



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