

SDAG and ASCE

JOINT- MEETING ANNOUNCEMENT

WEDNESDAY, JULY 15

PLACE: Holiday Inn
595 Hotel Circle South
Mission Valley
Phone: (619) 291-5720

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

DINNER: A wonderful buffet including Roasted Round of Beef, Breast of Chicken and Herbed Pacific Fish, with Classic Caesar Salad, Marinated Tomato, Cucumber & Onion Salad and Ambrosia Delight, plus Garlic Potatoes, Wild Rice Florentine, Honey Glazed Carrots, Fresh Green Beans, rolls, dessert and coffee.

COST: \$20.00 per person (students \$10.00)

PLEASE MAKE RESERVATIONS EARLY (this is a joint meeting) with Greg T. Cranham at Hargis & Associates at (619) 454-0165.

PROGRAM: VERA D. BERGER- "Seismic Ground Motion and Liquefaction Hazard in San Diego - A Geotechnical Engineer's Perspective"

Dr. Berger is a registered Geotechnical Engineer, has her own consulting business, teaches at SDSU, and has worked for Woodward-Clyde Consultants and the Institute for Hydraulic Structures in St. Petersburg, Russia.

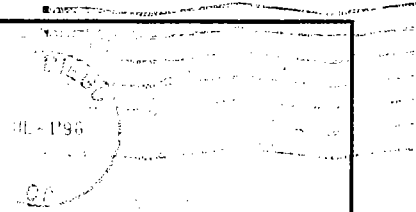
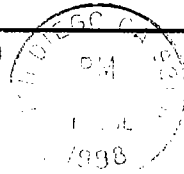
She has conducted seismic hazards and soil liquefaction potential investigations for numerous agencies, including the U.S. Geological Survey, the MTDB Mission Valley Project, Solar Turbines, Chevron, SDG&E, City of San Diego Point Loma Outfall Project, North Island Naval Air Station, UCSD Medical Center, UCSB Maintenance Building, and for the construction of dams in Arizona.

Her talk promises to be valuable for all geotechnical engineers and engineering geologists working in the San Diego area. Uniform Building Code changes will be adopted by the City of San Diego early in 1999 that will affect the evaluation and mitigation requirements for near-fault sites and those with a liquefaction potential. The geotechnical community will be expected to provide additional site characterization for design of structures adjacent to faults or on liquefiable soils. This will be a great opportunity to familiarize yourself with the new requirements and update your knowledge of these hazards.

Upcoming Meetings:

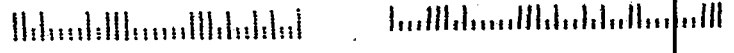
- August 19: Tim Boardman, *Imperial Valley Geothermal Update*
- September 19: SDAG/ASCE/SDSU, *Geology Annual Picnic*
- October 10-11: SDAG Field Trip, *Imperial and Mexicali Valleys*
- November 18: Andy Rindell, *Geologic Characterization of the Fisheries Building
Landslide*
- December 16: Tom Demere, *San Diego Natural History Museum Paleontology Update*

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SDAG/ASCE JOINT MEETING ANNOUNCEMENT

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Cost: \$ 20.00 per person (Students \$ 10.00 with ID)

Reservations Required by 5:00 pm Monday, July 13. As this will be a joint meeting, please make your reservations early by calling the SDAG Reservation Line at Hargis + Associates, Inc.: (619) 454-0165, Extension 190. Contact Greg Cranham with any questions.

Speaker: Vera D. Berger

Program: Seismic Ground Motion and Liquefaction Hazard in San Diego - A Geotechnical Engineer's Perspective

Dr. Berger is a registered Geotechnical Engineer, has her own consulting business, teaches at SDSU, and has worked for Woodward-Clyde Consultants and the Institute for Hydraulic Structures in St. Petersburg, Russia.

She has conducted seismic hazards and soil liquefaction potential investigations for numerous agencies, including the U.S. Geological Survey, the MTDB Mission Valley Project, Solar Turbines, Chevron, SDG&E, the City of San Diego Point Loma Outfall Project, North Island Naval Air Station, UCSD Medical Center, UCSB Maintenance Building, and the construction of dams in Arizona.

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December 16: Tom Deméré, *San Diego Natural History Museum Paleontology Update*

The Gordon Gastil Endowed Scholarship Fund:

If your career has benefited from your contact with Gordon Gastil or any of the SDSU Geology Department's great staff, remember to give back to the people who helped you get where you are. Donations can be sent to SDAG or contact Sharon Milligan at (619) 594-1937 for information.

1998 Corporate Sponsors:

Thanks to our Corporate Sponsors for 1998! Their generosity allows us to plan the annual field trip and produce field guides, to host the fall SDAG/SDSU picnic on Mission Bay, and to provide scholarship funds to local geology students. Our Corporate Sponsors are:

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Newsletter:

Please submit information, announcements, ads or suggestions to the Secretary, Greg Cranham, for inclusion in the next newsletter. Any news regarding upcoming events that may be of interest to the Association or news of your business can be submitted. Don't forget to advertise your business in the newsletter - it gets seen by a lot of potential clients - and it's free to corporate sponsors. The deadline for the next newsletter is July 31, 1998.

1998 SDAG FIELD TRIP UPDATE:

The theme of this year's trip is "Geothermal Resources and Geological Features of the Imperial and Mexicali Valleys". Tim Boardman's program at the August meeting will provide an introduction to the subject with the field trip to follow on the three-day weekend of October 9-12. Friday night will be a campout in the Imperial Valley. The tour of the Cerro Prieto (CP) geothermal plant and field, second largest in the world after The Geysers in

northern California, is scheduled for 10 a.m. to 1 p.m. on Saturday October 10. We will start at the CP Visitor Center about 25 miles south of Mexicali, viewing an excellent video on geothermal development in Mexico and touring the exhibits and displays. We'll then tour the field, observe surface features including bubbling mudpots, the Cerro Prieto and Imperial fault traces (dip-slip in this area), a recently erupted geyser, Volcano Lake, and the volcano. We'll then visit one of the three power plants which collectively produce 620 megawatts, enough to power 80% of Baja California (Norte) with ample reserves left to export to the San Diego/Imperial Valley region.

We now need volunteers to serve on the field trip committee to pull the rest of the program together. Meetings will be about one hour/month through October. Please contact Lowell Lindsay (numbers above) to volunteer or offer comments and questions.

ANNOUNCEMENTS:


South Coast Geological Society (SCGS) will hold its monthly meeting on Monday, July 13, at The Barn in Tustin. Dr. Roy Shlemon will take the audience on a geologic tour of central Italy – all without leaving Orange County! Call NMG Geotechnical at (714) 442-2448 ext. 222 with reservations. The 1998 SCGS field trip is tentatively scheduled for October 17-18, and will be a raft trip from Hoover Dam to Willow Beach, followed by a tour of the Castle Mountain gold mine. Call SCGS President Sue Tanges at (619) 442-8022 for additional information.

Check out the SDAG website at <http://www.znet.com/~sdag>. Our website manager, Carolyn Glockhoff, can create a link from any Corporate Sponsor's listing on the SDAG website to its company website, if one exists. Also, please send the URLs of your favorite geology sites to Carolyn (carolion@aznet.net) for listing on the new Geologic Links page.

Positions Available:

- **ENGINEERING GEOLOGIST:** Cotton, Shires & Associates seeks a Certified Engineering Geologist with minimum 10 years professional experience. Master's degree in geology preferred. Position requires strong technical, writing and business development skills and experience in the Southern California area. Excellent salary and benefits package. EOE. Mail resume in confidence to: Cotton, Shires & Associates, 5245 Avenida Encinas, Suite A, Carlsbad, CA 92008; Attn.: Stan Helenschmidt.
- **STAFF AND/OR SENIOR LEVEL GEOLOGIST:** Immediate environmental geologist openings with experience in Phase I and II site assessments, remediation, and USTs. Excellent office opportunity for the qualified individual. 40-hour HAZWOPER certification required. Contact Aaron by phone at: (619) 503-1035.
- **SOIL TECHNICIAN / SURVEYOR:** Immediate openings for surveyors (chainman, instrumentman, and party chief) and/or soil techs with nuclear gauge experience. Contact Aaron by phone at: (619) 503-1035.

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