



## SAN DIEGO ASSOCIATION OF GEOLOGISTS

### 1998 EXECUTIVE COMMITTEE

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[www.geology.sdsu.edu/sdag](http://www.geology.sdsu.edu/sdag)

## MEETING ANNOUNCEMENT

**Wednesday, January 21, 1998**

**Place:** Tom Ham's Lighthouse  
2150 Harbor Island Dr.  
(west end of Harbor Island)  
Phone: (619) 291-9110

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

**Dinner:** A wonderful buffet, including your choice of Virginia baked ham, chicken, and cheese enchiladas; includes a large salad bar and beverage. Dinner will be in the Harbor View Room.

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

**Reservations Required by** noon Monday, January 19. Please call the SDAG Reservation Line at Hargis + Associates, Inc.: (619) 454-0165, Extension 190. Contact Greg Cranham with any questions.

**Speaker:** Dave Schug, Woodward-Clyde Consultants

**Program:** Downtown Faulting

#### Abstract

Recent trenching investigations in downtown San Diego have continued to expand the knowledge of fault locations and Holocene activity within the Rose Canyon fault zone. In the offshore areas within and near San Diego Bay, new geologic information from seismic reflection surveys is updating the picture of local faults. This talk will review some previous trenching studies within the Downtown Graben, and will also present findings from recent fault investigations at other areas in and around downtown.

David Schug is Director of Engineering Geology and has been with Woodward-Clyde in San Diego since 1979. He received his BS and MS degrees from San Diego State University (SDSU). Over the past several years, Dave has managed geologic and geotechnical investigations for the South Bay Ocean Outfall, the Point Loma Outfall Extension, and the proposed LRT trolley tunnels at SDSU. He has investigated active faults in downtown San Diego and offshore areas.

**PRESIDENT'S REPORT:** The state of our organization, financial outlook, membership, upcoming events.

**Upcoming Meetings:**

- February 18: Chuck Pryatel, *Underground Storage Tanks*
- March 18: Mike Chapin, *A Modern Soils Lab at Geocon*
- April 15: Steve Polls and Kevin Waldick, *Thesis Presentations*
- May 20: John Hoffman, *Foundation Repair and Site Stabilization* ✓
- June 17: Mike Hart, *Investigations of Landslides on Mt. Soledad*
- July 15: Vera Berger, *Ground Motion and Liquefaction*

.....more to come.....

**1997 Treasurer's Report:**

As of January 8, 1998, SDAG has a total cash reserve of approximately \$ 5,000. At this time last year, cash reserves stood at approximately \$ 11,000. This decline is a result of several factors, including: Increased field trip expenses in 1997; Reprint expenses for the Anza-Borrego Field Guide (sales of this guidebook through the Borrego Springs Visitor Center and other outlets will offset this expense through 1998); SDAG Scholarship funds; and Substantial year-end contributions to the San Diego Natural History Museum and the Gordon Gastil Endowed Scholarship Fund at SDSU. All things considered, SDAG is in a healthy and stable financial situation at this time.

- GTC

**Newsletter:**

Please submit information, ads (business card size), announcements 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 will be considered. 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 Groundhog Day, February 2.

**The Gordon Gastil Endowed Scholarship Fund:**

This SDSU endowment will provide full scholarships for advanced training in research and study for future students at the highest academic levels. The endowment recognizes Professor Gastil's pioneering work in the reconnaissance mapping of Baja California and the development of our geologic understanding of California on both sides of the border. The San Diego Association of Geologists is proud to support this new scholarship and has donated \$ 1,000 to kick off the fund. In addition, there is an offer to match contributions from SDAG members who wish to give to this good cause, up to a total of \$1,000. We urge you to support these goals with your personal and corporate donations. Contact the College of Sciences Development Coordinator, Sharon Milligan, at (619) 594-1937 for more 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 new Corporate Sponsors are:

- Bill Elliott
- Geocon Inc.
- Hargis + Associates, Inc.
- Mission Geoscience, Inc.
- Robertson Geotechnical, Inc.
- Anne Sturz
- Carol Ziegler

### **1998 SDAG FIELD TRIP and CALL FOR PAPERS:**

Tentative plans have been made for the annual field trip and associated publication entitled "Geothermal Resources and Geological Features of the Imperial and Mexicali Valleys". Field trip dates are the three-day weekend of October 10-12, 1998. Proposed sites on the itinerary include geothermal power facilities on both sides of the border, faults and other tectonic features characteristic of the Salton Trough and Colorado River delta, and the Cerro Prieto volcano. Saturday night and optional Sunday night camp will be southwest of Laguna Salada in palm-studded Guadalupe Canyon. This site offers natural hot tubs within the Sierra Juarez fault zone, reminiscent of a combination of Borrego Palm Canyon and Agua Caliente Hot Springs.

Earth science papers, related to any aspects of the above areas or topics, are needed for the annual publication. Please send proposals or abstracts to Lowell Lindsay via mail or e-mail or, call to discuss possibilities.

### **ANNOUNCEMENTS:**

The 32<sup>nd</sup> Annual Quartzsite (Arizona) Gem and Mineral Show will be held on February 4-8, 1998.

The annual SDSU Geology Alumni field/camping trip will be February 14-16, 1998, near Searchlight, Nevada. Participants can tour an active gold mine, with heap leaching extraction process. The encampment will be in Juan, Nevada, a ghost town with collectible chalcedony, malachite and azurite nearby. Although the current population of Juan is small enough to leave us with plenty of room, particularly hardy souls may wish to brave a motel in Searchlight. Contact Tony Sawyer or Joe Coronas for more information.

The 44<sup>th</sup> Annual Tucson Gem and Mineral Show will be held on February 12-15, 1998, at the Tucson Convention Center. For more information, call (520) 322-5773 or e-mail [tgmsb@azsstarnet.com](mailto:tgmsb@azsstarnet.com).

The Cordilleran Section of the Geological Society of America will meet at the CSULB Pyramid, Long Beach, on April 7-9, 1998. Contact Dr. Stan Finney at (562) 985-8637 for more information.

The Pacific Section of the American Association of Petroleum Geologists will meet in Ventura on April 29 to May 1, 1998. Contact Jon Schwalbach (Exxon) at (805) 494-2245 for more information.

Check out the SDAG web site at [www.geology.sdsu.edu/sdag](http://www.geology.sdsu.edu/sdag), operated by Caroline Glockhoff. Any suggestions can be forwarded to Greg Cranham or directly to Caroline.

Pubs! No, not that kind. But you certainly can enjoy a fine ale whilst reading an SDAG Publication. See the attached order form for available pubs -- including the Santa Cruz Island Geology guidebook for 1997.

Dues are due for 1998. If you haven't already submitted this year's dues, please fill out the attached form and send it along to our new Treasurer, Barbara (Belding) Birbaum of Bechtel. We thank you!!

SAN DIEGO ASSOCIATION OF GEOLOGISTS  
 POB 191126, SAN DIEGO, CA 92159-1126

PUBLICATION ORDER FORM as of 12-10-97

TITLE	QTY	LIST PRICE	SDAG MEMBER PRICE	TOTAL
COLORADO PLATEAU ROUND-TRIP FLIGHT GUIDEBOOK Shelton, Crowell and Davis (1979)	___	5.00	3.00	_____
LANDSLIDES IN CRYSTALLINE BASEMENT-S.D.COUNTY Evans (1988)	___	5.00	3.00	_____
SEISMIC RISK IN THE SAN DIEGO REGION Roquemore, Tanges and Wright (1989-PROCEEDINGS)	___	5.00	3.00	_____
GEOTECHNICAL ENGINEERING CASES- S.D.COUNTY Hoobs (1990)	___	5.00	3.00	_____
ENVIRONMENTAL PERILS, SAN DIEGO REGION Abbott and Elliott (1991)	___	5.00	3.00	_____
CORONADO ISLANDS NATURAL HISTORY Perry (1992)	___	5.00	3.00	_____
COLORADO DESERT AND SALTON TROUGH GEOLOGY Corones (1993)	___	15.00	9.00	_____
CAMP PENDLETON GEOLOGY AND NATURAL HISTORY Rosenberg (1994)	___	15.00	9.00	_____
ANZA-BORREGO/ WSTD PALEONTOLOGY AND GEOLOGY Remeika and Sturz (1995)	___	20.00	12.00	_____
STURZSTROMS (LANDSLIDES)/DET.FAULTS, ANZA-BORREGO Abbott and Seymour (1996 SCGS)	___	20.00	12.00	_____
GEOLOGY/ NAT'L RESOURCES OF COASTAL S.D. COUNTY Munasinghe and Rosenberg (1996)	___	20.00	12.00	_____
SANTA CRUZ ISLAND GEOLOGY FIELD TRIP GUIDE Landry (1997)	___	20.00	12.00	_____

SUBTOTAL \_\_\_\_\_

plus postage and handling @ \$3.00/book (unless picked up)

TOTAL \_\_\_\_\_

SHIP TO: DATE OF ORDER: \_\_\_\_\_ 199 \_\_\_\_\_

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- Prices subject to change without notice.
- Allow 5 weeks for delivery.
- Make checks payable to SDAG at address above.
- Bookseller discount is 20%, resale number required.

sdagordr.wk1/uni



# SAN DIEGO ASSOCIATION OF GEOLOGISTS

## 1998 MEMBERSHIP FORM

**NAME:** \_\_\_\_\_  
Please type or print clearly, and check preferred mailing address.

**Residential Address:** \_\_\_\_\_  
 \_\_\_\_\_

**Office/School Address:** \_\_\_\_\_  
 \_\_\_\_\_

**Field(s) of Interest:** \_\_\_\_\_

**Phone:** Home: ( ) \_\_\_\_\_ Work: ( ) \_\_\_\_\_

**Fax:** ( ) \_\_\_\_\_ **e-mail:** \_\_\_\_\_

Check here to receive newsletters via e-mail:

**Dues:** \_\_\_\_\_ **Student Member \$ 5.00**  
\_\_\_\_\_ **Regular Member \$ 15.00**  
\_\_\_\_\_ **Corporate Sponsor \$100.00**

New Member  Continuing Member

Date: \_\_\_\_\_ Check for change of mailing address:

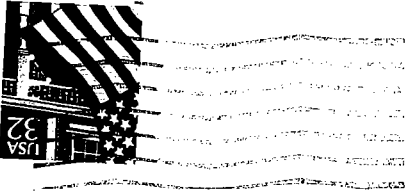
Please enclose a check payable to SDAG, and mail to:

Barbara Birnbaum  
Bechtel  
401 W. "A" St., Suite 1000  
San Diego, California 92101-7905

*Dues may also be paid  
at monthly meetings.*

*Thank you!*

SUSAN E. TANGES  
1465 E. LEXINGTON AVE #7A  
EL CAJON, CA. 92019



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