



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1999 EXECUTIVE COMMITTEE

PRESIDENT

Lowell Lindsay
Sunbelt Publications
1250 Fayette St.
El Cajon, CA 92020
(619) 258-4911
fax: 258-4916
sunbeltinc@usa.net

VICE PRESIDENT

Greg Cranham
Hargis + Associates, Inc.
2223 Avenida de la Playa
Suite 300
La Jolla, CA 92037
(619) 454-0165 x 108
fax: 454-5839
gcranham@hargis.com

SECRETARY

Barbara B. Birnbaum
Bechtel National, Inc.
1230 Columbia St.
Suite 400
San Diego, CA 92101
(619) 744-3068
fax: 687-8787
bbirnbaum@bechtel.com

TREASURER

Bob Stroh
Ninyo & Moore
5710 Ruffin Road
San Diego, CA 92123
(619) 576-1000
fax: 576-9600
rstroh@ninyoandmoore.com

<http://www.znet.com/~sdag>

MEETING ANNOUNCEMENT

Wednesday, February 17, 1999

Place: **Qwiigs Bar & Grill** **Time:** 6:00 - Social Hour
5091 Santa Monica Ave. 7:00 - Dinner
in Ocean Beach 8:00 - Program
Phone: (619) 222-1101

Dinner: Choice of prime rib entrée or selection of roasted fresh fish entrée.

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

Reservations: Call the SDAG Reservation Line at Hargis + Associates, Inc.: (619) 454-0165, Ext. 190, before 5:00 pm Monday, February 15. Or, make your reservation online through the SDAG website (see above). Contact Barbara Birnbaum at Bechtel with any questions.

Speaker: **Steve Borron, San Diego State University graduate student**

Program: **The Geology of the Split Mountain Sturzstrom**

Steve Borron will be presenting a slide and computer presentation on his thesis project, the geology of the Split Mountain Sturzstrom, Anza-Borrego Desert State Park, California. Many of you may know this deposit as the lower mega-breccia described by Kerr (1982) and Dibblee (1954). Steve has identified several kinematic structures within the deposit that may be unique to sturzstroms, such as powder injection pipes (PIPs), crushed pegmatite streamers, grooved rocks, biotite ribbons and sigmoidal rock flow textures. The identification of these structures may describe a mechanism that accounts for the low coefficient of friction that allow for the high velocities and extraordinarily long runouts associated with sturzstrom deposits. His study also included a paleogeographic interpretation of the basin prior to the deposition of the Split Mountain Sturzstrom and the effect it had on emplacement. He also processed aerial photographs from the Department of Agriculture to show a unique surface feature associated with sturzstrom deposits and will be showing the results during the presentation. The computer presentation will also show creative ways of showing rock samples without use of a camera and eliminating the need to carry a heavy box of rocks.

Steve just finished his Master's thesis, The Geology of the Split Mountain Sturzstrom, Anza-Borrego Desert State Park, California. His other geologic interests include seismic interpretation, sedimentology, engineering geology, and science education. His own education uncovered an aptitude for technology which he creatively integrates into science applications. He is currently working part time for Chula Vista Hills Elementary School maintaining their computer lab and giving software instruction to the staff. He would like to use both his geologic and computing skills working full time in the near future. Steve also loves to surf and enjoys sport fishing in southern Baja California. Be sure to check out his web page called Baja California Geology located at <http://www.geocities.com/CapeCanaveral/Lab/6488>.

UPCOMING 1999 MEETINGS:

- Wed., March 17: Student Papers by Jennifer Lewis and Isabelle Sacramento Grilo, SDSU
Brigantine restaurant in La Mesa
- Tues., April 20: Steve Baumann, *Glamis Imperial Gold Mine* (joint meeting with SME)
Raintree Restaurant in Carlsbad
- Mon., May 3: Joint meeting with South Coast Geological Society (SCGS); Topic/speaker TBA
El Adobe Restaurant in San Juan Capistrano (Amtrak option)
- Wed., June 16: Barbara Birnbaum, *Camisea Project: Field Pipeline Mapping in the Peruvian Rain Forest* (location TBA)
- Wed., July 21: Kathleen Springer, "Paleontology of the Eastside Reservoir Project"
Joint meeting with Inland Geological Society, meeting in Temecula (location TBA)
- Wed., August 18: John Peterson, *San Diego Water Resource Update*
Bali Hai restaurant on Shelter Island
- Sat., September 18: Annual Picnic – SDAG / ASCE / SDSU Geology Alumni – Mission Bay
- October 9-11: SDAG Field Trip; *Water Resources Development in Southern California*
- Wed., November 17: Dr. Pat Abbott will talk from his new book on the geology of San Diego County:
"The Rise & Fall of San Diego." New book release and signing, location TBA
- Wed., December 15: Tom Deméré, *San Diego Natural History Museum Paleontology Update*
Scholarship announcements and SDAG officer elections

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, and to provide scholarship funds to local geology students. Our 1999 Corporate Sponsors are:

- AGRA Earth & Environmental
- Catlin Engineering Associates, Inc.
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- David and Jan Steller
- Anne Sturz
- Transglobal Environmental Geochemistry (TEG)
- Lee Vanderhurst
- Zeiser Kling Consultants, Inc.

Please consider becoming a Corporate Sponsor of SDAG. In addition to monthly recognition for your contribution, you will be entitled to a free "link" from the SDAG Website, as well as a business-card size ad in an upcoming 1999 newsletter. We hope to list our sponsors at the front of the 1999 SDAG Field Trip Volume, and may consider small ads in that volume for an additional contribution.

NEWSLETTER:

Please submit information, announcements, ads, geo-jokes or suggestions to the new Secretary, Barbara Birnbaum, 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.

The submittal deadline for the next SDAG newsletter is February 28, 1999.

1999 SDAG FIELD TRIP:

The 1999 field trip theme will be ***Water Resources Development Projects in Southern California***. The Field Trip Chairman and field trip volume General Editor will be this year's SDAG Vice President, Greg Cranham. The trip is tentatively scheduled for Columbus Day weekend, October 9-11, 1999. All papers relating to the geology, hydrogeology, hydrology, or engineering aspects of Southern California water resource projects are now being accepted. In addition, papers on other related topics (non site-specific, historic, current, etc.), are also welcome. A Call For Papers for this field trip volume was included in the January SDAG newsletter. Please contact Greg with any questions.

ANNOUNCEMENTS:

Dues are due for 1999. Please note that you must renew only if "**exp**" appears on your address label. A 1999 membership form is attached. Be advised that annual dues will be increased to \$20.00 (\$10.00 for students), effective March 1. So **renew today** at the 1998 rate!!

Last month's SDAG meeting at the Big Stone Lodge in Poway was a big hit! The rustic and historic stone lodge was a great geologist's meeting place, and the BBQ food was delicious. We even had a personal guest appearance by ex-Padre Randy Jones, who won the Cy Young award in 1976.

The American Association of Petroleum Geologists (AAPG), Pacific Section, will hold its annual meeting at the Embassy Suites at Monterey Bay on April 28 - May 2, 1999. The theme of this year's convention is "Monterey's Hidden Resources". See the meeting's website at <http://www.west.net/~psaapg>. For further information, contact the General Chairman, Gary Greene, at (831) 633-7264, or by e-mail: greene@cruzio.com.

Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP) will be held at the Oakland Marriott City Center on March 14-17, 1999. For information, call (303) 771-2000 or visit the Symposium's website at: www.sageep.com.

South Coast Geological Society (SCGS): The SCGS usually meets on the first Monday of every month, in Orange County. For more information (dates, locations, speakers, membership, etc.), contact this year's SCGS President, Gwen Sharp at (714) 378-3231.

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.

Many thanks to Carolyn Glockhoff for creating and continuing to manage the SDAG 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. Based on the first week of 1999, we estimate that the SDAG website receives about **60 "hits"** per day! Way to go!

County of San Diego, Department of Environmental Health: The new Property Owner Responsibility Agreement form is now in effect, the previous Maintenance of Monitoring Wells form has been revised, and the fee for a permit extension has been raised from \$25.00 to \$30.00. These changes affect drilling and monitoring well installation and destruction. If you have any questions or would like additional information, please contact the Monitoring Well Program at (619) 338-2339.

JOHN WULLICH, 07/23/49 – 01/21/99: There will be a memorial service for John Wulich on Saturday, February 20th 1999 at the La Jolla Lutheran Church, located at 7111 La Jolla Blvd. The time has not been decided, but anyone that is interested in attending may call the church at (619) 454-6459 for the time of service. Les Reed of Geotechnical Exploration, Inc. provided the following:

We regret to report the passing of our friend and colleague John Wulich on January 21, 1999. John had been an integral member of our firm since September 1984. His love of current events and travel allowed all of us to appreciate the world around through his eyes. Whether Africa or Egypt or the local deserts and mountains, we always looked forward to discussing John's trips upon his return.

John was severely injured when his vehicle left the road on the way to camp in Death Valley on November 5, 1998. He was in a coma for eleven weeks and fought a good battle, surviving several serious operations. We will miss him and not forget him.

Earth Science Week 1999: The annual celebration of Earth Science Week will be held October 10-16, 1999. (This is immediately following our SDAG annual field trip.) Check out the Earth Science Week website at www.earthsciweek.org for current information.

CALIFORNIA GEOLOGY magazine: Have you seen the latest issue of California Geology? There's quite a bit of Southern California coverage in it, including San Diego County. If you don't have a subscription, you can visit the website at www.consrv.ca.gov/dmg/pubs/cg for some highlights and/or to subscribe. CALIFORNIA GEOLOGY is the Department of Conservation Division of Mines and Geology's (CDMG) full-color, bimonthly earth science magazine which provides timely, useful, and interesting information about the geology, mineral resources, mining history, and geologic hazards of California. CALIFORNIA GEOLOGY announces earth science events and availability of new DMG publications, contains book reviews, resource lists, and contains a Teacher Feature (1-3 pages devoted to teachers and students).

POSITIONS AVAILABLE:

- **POSITION AVAILABLE** for a Registered Hydrogeologist with 6-8 years of experience in contaminant transport and water management. Location: somewhere in Los Angeles. Contact the head hunter: Fern Thomson (818) 655-9940. Pay scale: \$60,000-80,000/year depending on experience.
- **GEOLOGISTS & ENGINEERS** – We currently have excellent career opportunities for staff to project level geologists and engineers in our N. San Diego County office. The ideal candidates will have experience in environmental and/or engineering geology, forensic and field; and have good “people” skills. We offer excellent compensation packages for the right individuals, as well as a pleasant work office environment. We also have opportunities for: Licensed Surveyors, technicians, inspectors, designers, and CADD drafters. Fax resume in confidence to Anthony-Taylor Consultants at (760) 738-8232; Attn. Bruce Taylor.
- **ENGINEERING GEOLOGIST** needed in Riverside and San Diego Counties. Applicant must have 4 to 7 years experience with subdivisions, commercial or industrial projects. Position will involve responsibility for field engineering, report writing, and personnel management. Fax resumé to Kelly Stahl at Onsite Environmental Staffing, at: (619) 874-5587, or by phone at: (619) 503-1025.
- **IMMEDIATE OPENINGS** for Geologists with experience in environmental remediation and UST site assessments. Candidates must be OSHA certified with extensive field experience. Excellent compensation and advancement opportunities available. Fax resumé to Onsite Environmental Staffing, a consulting firm, at: (619) 874-5587, or by phone at: (619) 503-1035.

COOL WEBSITES OF THE MONTH:

According to the opinion and whim of the current SDAG newsletter editor ☺, an internet website or two will be featured each month in our newsletter. The “cool” sites for this month are:

1. **TerraServer's World Imagery Database** at <http://www.terraserver.com>. TerraServer is a repository of aerial photographs and satellite images that can be viewed, scaled up or down, and even downloaded. Most of the images seem to be of the US and Europe, but many other well-known places in the world are also included. You can also view the corollary street map, to help you figure out what you are. Many can be downloaded for free through the USGS link (most USA images), others can be downloaded at a cost. I don't know a lot about this site, as I just discovered it this week!
2. **Recent Earthquakes in CA and NV** at <http://quake.wr.usgs.gov/recenteqs>. At this cool site, you see a map of CA & NV, with all the recorded earthquakes in the last day, last hour, and last week! The information is provided cooperatively by the USGS, UCB, CalTech, UCSD, and UNR. There's also links to details of each quake and other cool earthquake-related sites, for all you seismo-philes!

Please email future candidates for the cool website of the month to Barbara Birnbaum.

SNAFU

by Bruce Beattie



Geologists make uncooperative prisoners.



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1999 MEMBERSHIP FORM

NAME: _____

Please type or print clearly, and check preferred mailing address below.

Residential Address: _____

Office/School Address: _____

Field(s) of Interest: _____

Phone: Home: () _____ Work: () _____

Fax: () _____ e-mail: _____

Check here if interested in newsletters via e-mail:

Dues:	_____	Student Member	\$ 5.00	(\$ 10.00 after March 1, 1999)
	_____	Regular Member	\$ 15.00	(\$ 20.00 after March 1, 1999)
	_____	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:

Bob Stroh
Ninyo & Moore
5710 Ruffin Road
San Diego, California 92123

*Dues may also be paid
at monthly meetings.*

Thank you!

rev. 01/99

San Diego Association of Geologists
c/o Barbara Birnbaum
Bechtel National, Inc.
1230 Columbia St., Suite 400
San Diego, CA 92101



ROBERT C. STROH
NINYO & MOORE
5710 RUFFIN ROAD
SAN DIEGO, CA 92123

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