



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1990 EXECUTIVE COMMITTEE

CHAIRPERSON

Diane Murbach
GeoPacifica
4403 Manchester Ave., #206
Encinitas, CA 92024
(619) 943-0060

VICE CHAIRPERSON

John Hoobs
Geocon Incorporated
6960 Flanders Drive
San Diego, CA 92121
(619) 558-6900

SECRETARY

Sue Tanges
Leighton and Associates
3934 Murphy Canyon Rd., #B205
San Diego, CA 92123
(619) 292-8030

TREASURER

Lyne Perry
Leighton and Associates
3934 Murphy Canyon Rd., #B205
San Diego, CA 92123
(619) 292-8030

MEETING NOTICE

WEDNESDAY, August 22, 1990

SPEAKER: Michael W. Hart
Chief Geologist
Geocon Incorporated

TOPIC: "Landslides of the Peninsular Ranges of Southern California"

PLACE: 94th Aero Squadron
8885 Balboa Avenue
San Diego

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

DINNER: Salad, prime rib of beef au jus, vegetable, baked potato, wheat bread, coffee or tea, and chocolate mousse

PRICE: \$19.00

RESERVATIONS REQUIRED! By noon, Monday, August 20 ~~21~~ Please phone in your reservation ASAP to the receptionist at Leighton and Associates, (619)292-8030. Please call Leighton and Associates if you need to cancel your reservation.

SUMMARY: A wide variety of previously little-studied landslides - including earthflows, wedge-slides, complex slides, and rock avalanches - have occurred in plutonic and metamorphic rocks that make up the Peninsular Ranges of southern California. Large earthflows and slumps are most prevalent in deeply weathered gabbro. Wedge slides are common locally in fractured and faulted quartz-monzonite. In the Palomar and Vallecito Mountains, large rock avalanches have occurred that have had exceptionally long travel distances of up to 3 km. The Vallecito Mountain rock avalanche is believed to have occurred as a two-layer system composed of an upper relatively rigid and intact rock underlain by a fluid mud slurry. One exceptionally large block-glide, or transitional landslide, located near the Old Vallecito Stage station in the Anza-Borrego Desert, occurred in tonalite and apparently utilized a low-angle detachment fault as a basal rupture surface. One of the largest landslide complexes studied occurred in gabbro on Oak Mountain near Vail Lake in southern Riverside County. This approximately 4-km wide slide complex has over-ridden Pliocene sediments and has locally utilized bedding planes within the sedimentary rocks as basal rupture surfaces.



ANNOUNCEMENTS:

1. **YET ANOTHER CALL FOR PAPERS!!!** The SDAG annual field trip is scheduled for October 20, 1990 and will focus on geotechnical issues covering a wide range of topics relative to engineering geology and geotechnical engineering. The topics will include innovative ways of slope and landslide stabilization, deep fill monitoring, post-construction settlement, fill saturation and ground improvement techniques. Case histories of fill slope and crib wall failures, etc. will also be relevant. Deadline for submission of papers for the guidebook that will accompany the fieldtrip is August 17, 1990. For details on guidelines for paper contact John Hoobs at Geocon Incorporated (phone 558-6900 or fax 558-6159).
2. The South Coast Geological Society 1990 field trip will be to the Whipple Mountains and the Colorado River Extensional Terrain. Dr. Greg Davis will lead the trip and participation by other leading experts is anticipated. The trip is scheduled for October 27-28, 1990. Deadline for submittal of papers for the guidebook will be August 15. For more information, call Lavon Lewis at (714)830-4396.
3. SDAG is looking for Corporate sponsors to help in our yearly expenses. If you or your company would like to become a 1990 corporate sponsor and be recognized in our SDAG newsletter, directory, and at the following month's meeting, send a minimum \$100 contribution to SDAG c/o Sue Tanges at Leighton and Associates.
4. On September 11, the SCGS and AEG-SCS will hold a joint meeting at the El Adobe restaurant in San Juan Capistrano. Mark Legg will be the speaker and will discuss offshore faulting. SDAG encourages our members to attend this event.
5. Deadline for announcements to be included in the July newsletter is August 25. Please submit in writing to Sue Tanges at Leighton and Associates (FAX (619) 292-0771).

EMPLOYMENT OPPORTUNITIES:

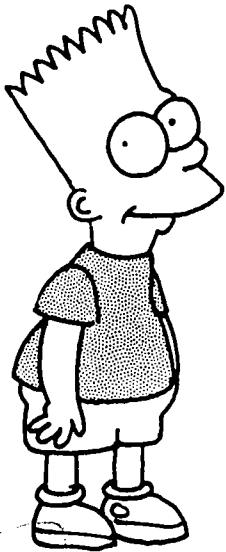
1. Geotechnical Engineers - Great opportunity - Openings in our San Diego, Newport Beach, and Sacramento offices. Project level, 3-5 years geotechnical experience, Calif. registration preferred. Excellent salary & benefits. Send resume to Owen Consultants, 10065 Old Grove Road, San Diego, California 92131, (619)695-3150.
2. Alton Geoscience is actively looking for experienced hydrogeologists and geologists for the San Diego office. Successful applicants will be team players with strong written and oral communication skills. Highly competitive salaries and benefits. Please submit resume in confidence to Alton Geoscience, 5764 Pacific Center Blvd, Suite 101, San Diego, California 92121.

**REMEMBER...SIGN UP FOR
THE SDAG PICNIC TODAY!!!**



SDAG/ASCE/SDSU GEOLOGY ALUMNI SDSU GEOLOGY AND CIVIL ENGINEERING DEPARTMENTS

“1990 PICNIC”



C YA THAR, DUDE!!

WHEN: Saturday, September 8th, 11am till ?

WHERE: Northeast Corner of Vacation Isle's
Ski Beach on Beautiful Mission Bay
in San Diego

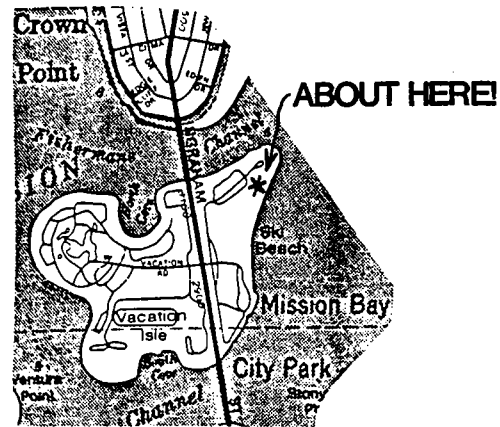
COST: \$5 per person (members, spouses, friends)
Kids free!!!

Grub will include BBQed steaks, hot dogs,
macaroni and potato salads, plus other yummy munchies!!!

Fluid refreshments will include soda, wine, and lots of beer!!!

A volleyball net will be set up – bring lawn chairs,
sunscreen, and your favorite toys (smashball, football, etc.)

**PLEASE MAKE ADVANCE RESERVATIONS
COMPLETE THE FOLLOWING FORM
AND MAIL IT IN SOON! (by September 1st)**



NAME -----

ADDRESS -----

PHONE -----

MAIL TO:

**SDAG, LEIGHTON AND ASSOCIATES
3934 MURPHY CANYON RD, SUITE B205
SAN DIEGO, CA 92123**

NO. OF ADULTS IN PARTY -----

NO. OF KIDS -----

AMOUNT
ENCLOSED -----

SAN DIEGO ASSOCIATION OF GEOLOGISTS
Leighton and Associates
3934 Murphy Canyon Road, Suite B205
San Diego, California 92123

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