

# SAN DIEGO ASSOCIATION OF GEOLOGISTS

## 1990 EXECUTIVE COMMITTEE

### CHAIRPERSON

Diane Murbach  
GeoPacifica  
4403 Manchester Ave., #206  
Encinitas, CA 92024

### 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

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

## MEETING NOTICE

WEDNESDAY, October 17, 1990



- SPEAKERS: Gene Custenborder & Andre Farkas  
Leighton and Associates Geocon Incorporated
- TOPICS: "Application of a Polymer & "Slumgullion Landslide,  
Geogrid-Reinforced Buttress in Slope Stabilization, Colorado"  
in San Diego, California"
- PLACE: Tickled Trout/Ramada Inn TIME: 6:00 - Social Hour  
Windsor and Curry Rooms 7:00 - Dinner  
2151 Hotel Circle South, San Diego 8:00 - Program
- DINNER: Caesar salad, chicken teriyaki, rice, vegetable, bread, carrot cake,  
coffee or tea
- PRICE: \$17.00

RESERVATIONS REQUIRED! By noon, Monday, October 15. 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.

### SUMMARIES:

Gene Custenborder will discuss the use of Tensar geogrid in the stabilization of a 1,500-foot long, up to 115-foot high slope. The steep natural hillside was found to be unstable due to the presence of an ancient landslide and remolded clay seams within interbedded siltstone and claystone with bedding oriented generally 20 to 30 degrees out of slope. After several methods of soil reinforcement were analyzed, a Tensar polymer geogrid-reinforced buttress was selected.

Andre Farkas will present slides taken during a field trip to the Slumgullion slide in Colorado. The field trip was organized by AEG in the fall of 1989 in conjunction with the annual meeting held in Vail, Colorado. About 700 years ago, a huge landslide occurred at an altitude of approximately 11,800 feet within the upper section of a tributary of the Gunnison River. The soil mass which originated at the summit of Mesa Seco in the San Juan Mountains from a sequence of highly altered volcanic and pyroclastic rocks dammed Lake Fork Creek creating Colorado's largest natural lake - Lake San Cristobal.

## **ANNOUNCEMENTS:**

1. SDAG will be updating its membership directory in November. If you need information changed regarding your home address or place of employment, please submit it to Sue Tanges in writing by October 29.
2. The annual SDAG publication and field trip are currently being organized based on the papers already submitted. Due to requests for deadline extensions, the date of the publication is still pending. If you are currently working on a paper and have not yet submitted, please contact John Hoobs at Geocon (phone 558-6900). (Don't feel bad if it's taking longer than you thought...you are not alone!)
3. 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. For more information, call Lavon Lewis at (714)830-4396.
4. 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.
5. A one-day ASCE Engineering Liability and Loss Prevention seminar will be held on Saturday, October 13, 8am to 5pm, at Humphrey's Restaurant on Shelter Island. The focus of the course will be defining the liability risk to design professionals and presenting methods to reduce that risk. Please contact Michael Uzdavines at (619)294-9400 for more info.
6. If you are attending GSA in Dallas and have an interest or share a concern about the future of geoscience education, show your support and please attend the October 29 afternoon NAGT symposium 'Geoscience Organizations: Their Efforts and Impact on Geoscience Education.' (Chair - Dorothy L. Stout).
7. See your next GSA News and Information for the forthcoming co-sponsored NAGT-GSA trip 'Origins of Geology,' June 15-July 6, 1991 to Britain to see the classical sites (Siccar Point, Hutton's Unconformity, Cambridge Type Sections, etc)
8. Deadline for announcements to be included in the November newsletter is October 29. Please submit in writing to Sue Tanges at Leighton and Associates (FAX (619) 292-0771).

## **EMPLOYMENT OPPORTUNITIES:**

1. 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.
2. Ninyo & Moore, Geotechnical and Environmental Consultants, is actively looking for Engineers and Geologists with 3-5 years experience for their Irvine office. Also seeking Chief Geotechnical Engineer and Chief Engineering Geologist. Salaries and benefits commensurate with technical and managerial capabilities. Submit resumes in confidence to: Ninyo & Moore, 15375 Barranca Parkway, suite A-101, Irvine, California 92718, Attention: Mr. Avram Ninyo.

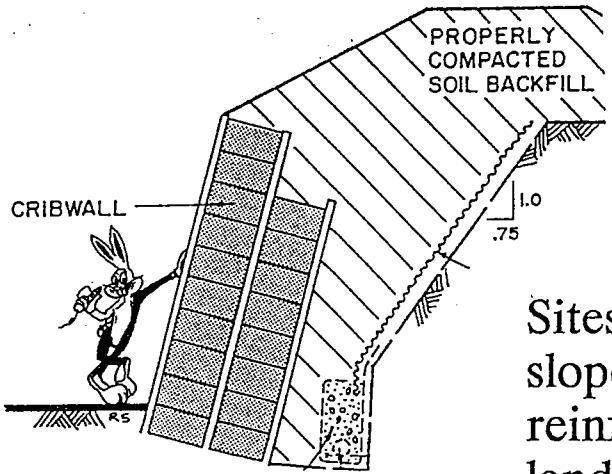
# "SDAG 1990 FIELD TRIP" GEOTECHNICAL ENGINEERING CASE HISTORIES IN SAN DIEGO COUNTY

**WHEN:** Saturday, October 20  
7:00 a.m. until 5:00 p.m.

**WHERE:** Meet at Parking Lot of  
Leighton and Associates  
3934 Murphy Canyon Road  
at 7:00 a.m.

**COST:** \$25 (includes bus and food)

Sites include stabilization of coastal bluffs, slope stabilization by use of geogrid reinforcement, use of sea walls, Beacon's landslide, use of vertical strip drains and failed crib walls.



Transportation will be provided by bus. **No Personal Vehicles.**  
Field trip will be limited to the first 40 paid.  
Lunch, drinks and morning coffee, juice and rolls will be included.

**PLEASE MAKE ADVANCE RESERVATIONS  
BY OCTOBER 12 BY SENDING IN  
CHECK WITH THE FOLLOWING FORM.**

(detach here)

NAME: \_\_\_\_\_

Make \$25 Check  
Payable to SDAG

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

*COMPLETE FORM AND RETURN TO:  
JOHN HOOPS  
GEOCON INCORPORATED  
6960 FLANDERS DRIVE  
SAN DIEGO, CALIFORNIA 92121*

**SAN DIEGO ASSOCIATION OF GEOLOGISTS**  
Leighton and Associates  
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