



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1989 EXECUTIVE COMMITTEE

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M E E T I N G N O T I C E

WEDNESDAY, MARCH 15, 1989

SPEAKER: Dr. Dorothy L. Stout, Professor of Geology, Cypress College

TOPIC: "Rocks, Rift AND Rhinoceroses, Geology of the East African Rift Zone".
Kenya and Tanzania provide some of the most spectacular scenery in the world in an active tectonic region. Volcanos, geothermal activity, exotic rocks, resources, prehistoric sites and wild animals occupying special geologic niches are blended in these evolving East African countries.

PLACE: Torrey Pines Inn (Imperial Room)
11480 N. Torrey Pines Road
La Jolla, California

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

DINNER: Choice of Chicken Christina or Boneless Stuffed Trout with Bay Shrimp, Vinaigrette Salad, Baked Potato, fresh Vegetable, Rolls, Coffee or Tea, Cheesecake with Cherry Sauce.

PRICE: \$15.00

RESERVATIONS REQUIRED:

By Noon Monday March 13, 1989. Please phone in your reservation ASAP to the receptionist at Geocon Incorporated at (619) 558-6900. A reservation made is a reservation paid.

NOTES: Dr. Dorothy Stout received her Bachelor and Master degrees at Bowling Green State University, Ohio. She received her Phd at Claremont Graduate School with a dissertation titled: "The Development of Geologic Knowledge and Education and its Application in California before 1934". She has been teaching geology at Cypress College for 15 years with special summer courses for geologists. She has taught all over the world including China, South America, Britain, Australia, Iceland and Norway. In 1990 she will become the first woman president of the National Association of Geology Teachers.

ANNOUNCEMENTS:

- 1) SDAG had 13 people phone in dinner reservations for the February meeting that did not show. SDAG was committed to paying the extra \$234 to the Reuben E. Lee. We are currently trying to collect from these 13 people to help offset our costs. Please do not make a dinner reservation unless you can attend the meeting. If you need to cancel please call the receptionist at Geocon Incorporated, (619) 558-6900.
- 2) SDAG is looking for corporate sponsors to help us in our yearly expenses. We received a \$100 cash contribution from Robertson Geotechnical, Incorporated in Westlake Village. This contribution will help SDAG in our future functions planned for 1989. We want to thank Hugh Robertson for his support of SDAG. His company will be listed as a corporate sponsor in our 1989 SDAG Membership Directory which is planned for completion in the summer. If you or your company would like to become a corporate sponsor and be recognized in our SDAG newsletter, 1989 Directory and the next month's meeting, send a minimum \$100 contribution to SDAG c/o Mr. John Hoobs, Geocon Incorporated, 6960 Flanders Drive, San Diego, California, 92121-2974.
- 3) **WARNING!** The deadline for mailing in your 1989 SDAG membership is March 24, 1989. If you want to continue to receive the monthly SDAG mailer and be included in the 1989 membership directory send in your membership forms ASAP. If you are a paid member of SDAG for 1989 you will have a "1989" label after your name on the mailing sticker. If you think you are a paid member and the "1989" label is not on your mailing sticker please contact John Hoobs at (619) 558-6900 so we can update our computer records. If your membership is not received by March 24, 1989, you will be dropped from our mailing list.
- 4) SDAG Spring Field Trip to the Los Angeles Metro Rail construction site will be held April 22, 1989. This trip was limited to the first 30 "paid" participants. We have received 25 reservations and are currently taking 5 additional reservations for the field trip. Please call Leighton & Associates at (619) 292-8030 and send a check in the amount of \$15.00 to: Sue Tanges, Leighton & Associates, 3934 Murphy Canyon Road, Suite B-205, San Diego, CA 92123 by February 27, 1989. The \$15.00 fee will cover your bus transportation which will depart at 8:00 am Saturday April 22, 1989 from the Ninyo & Moore parking lot located at 10225 Barnes Canyon Road, San Diego. We will arrive downtown Los Angeles at 11:00 am for a 15 minute slide and overview presentation. This will be followed by a visit to the Los Angeles metro rail yard and shop, underground civic center station excavation tour, and an above ground bus tour. You will be

required to bring a hard hat, hard soled shoes and pants. No cameras allowed except underwater cameras which have been approved by the Los Angeles Metro Rail. Food and drink is not included in the trip fee so please bring a lunch. We plan to return to San Diego by 6:00 pm.

- 5) CALL FOR PAPERS! SDAG plans to prepare a publication entitled "Geologic Studies in San Diego, 1989" to accompany the SDAG 1989 Fall Field Trip. Submission of either unpublished manuscripts, or papers that have appeared elsewhere can be submitted through May 1989. The call for papers and donations should be directed to: Diane Murbach, 4626 Bay Summit Place, San Diego, CA. 92117 (619) 275-2474.
- 6) GEOLOGY OF SWITZERLAND, YUGOSLAVIA AND ITALY. June 16 - July 7, 1989. Approximate cost \$3,500. Highlights include the karst topography of Yugoslavia, Alpine tectonics, sedimentation, glaciation and landslides; Vaiont Dam; cograil to the Jungfrau; subsidence in Venice; Matterhorn; Carrara marble quarry; soil instability in Pisa; sculpture in Florence; pozzilin in Pozzilin; Vesuvius and Pompeii; and Dubrovnik. For more information please contact Dr. Dorothy L. Stout, Cypress College, Cypress CA, 90630, (714) 826-2220.
- 7) Horizon Earthworks has relocated. The new office is at 3925 Normal Street, San Diego, California 92103, (619) 574-7777. Contact John Hoffman with any inquiries.



Earthquake Lecture Series

Presented in the Museum's Auditorium, 7:00-9:30 p.m. Tickets for each lecture: members \$4; nonmembers \$6; students \$3. Series tickets: members \$10; nonmembers \$15; students \$7.

April 4 Earthquake Geology

"Plate Tectonics & Earthquakes" with Dr. Pat Abbott, SDSU

Find out what causes earthquakes, where they will occur, how large they will be, and how often they happen in a given area.

"Prehistoric Earthquake Record of Southern California"

with Dr. Tom Rockwell, SDSU

Learn how detailed field mapping, analysis of soils, trenching across active faults and radiocarbon dating have shed light on the prehistoric earthquake record of southern California.

April 11 Seismology

"Earthquake Ground Motion" with Dr. Steven Day, SDSU

Seismic waves caused by earthquakes move the ground in several ways. Recent studies afford us a clear picture of what the earth does during an earthquake.

"Historical Seismicity of the San Diego Area and the Earthquake Planning Scenario for San Diego" with Dr. Michael Reichle, California Division of Mines and Geology

Based on the historic record of earthquakes in San Diego, an earthquake planning scenario has been developed—beginning with a likely earthquake in the San Diego Bay area and the predicted sequence of events following it. See the first public presentation of this major study by the State of California.

April 18 Earthquakes and Structural Engineering

"Reducing Earthquake Hazard: Buildings, Bridges, and Earthquakes" with Dr. Gilbert A. Hegemier, Director of the Charles Lee Powell Structural Systems Laboratory, UCSD and Dr. Frieder Seible, UCSD

The failure of manmade structures is the main cause of human and economic catastrophe from major earthquakes. Learn how different types of bridges and buildings have responded to major earthquakes in the past and how new designs are expected to reduce those hazards.

Field Trips

Transportation by air-conditioned bus.

Earthquake Topography in the Desert

Sunday, April 9, 8:00 a.m.-6:00 p.m.

with Drs. Tom Rockwell and Pat Abbott of SDSU's Department of Geology

This trip will explore the ruptures caused by the 1987 Westmoreland earthquake, the Elsinore fault in the Coyote Mountains, and other eye-opening topographic features in this well-exposed, active zone. **Fee: members \$35; nonmembers \$45.**

San Diego's Faults

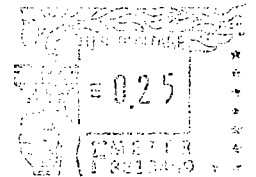
Saturday, April 29 8:00 a.m.-5:00 p.m.

with Dr. Pat Abbott of SDSU and Dr. Dick Phillips of USD

See the vertical exposures of the Rose Canyon fault and the pronounced effect of this fault on San Diego's topography. This trip will explore the earthquake potential of faults crossing San Diego and how buildings are constructed to accommodate fault offsets. **Fee: members \$25; nonmembers \$35.**

SAN DIEGO NATURAL HISTORY MUSEUM

(619) 232-3821



Susan E. Tanges 1989
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