



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1992 EXECUTIVE COMMITTEE

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San Diego, CA 92121
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MEETING NOTICE

WEDNESDAY, July 15, 1992

Joint meeting with the Southern California Section
of the Association of Engineering Geologists....

SPEAKER: Gerry Kuhn
Ocean Sciences Research Institute

TOPIC: Volcanic Eruptions and Historical Climate Fluctuations in Southern California from 1830 to the Present

PLACE: Pea Soup Andersen's
850 Palomar Airport Road (at I-5 fwy)
Carlsbad (619-438-7880)

TIME: 5:30 - Social Hour
7:00 - Dinner
8:00 - Program

DINNER: Hawaiian chicken, garden salad with house dressing, three-rice pilaf, medley of vegetables, warm rolls and butter, chocolate cake, coffee, decaf or tea

COST: \$20.00 (please make checks payable to SDAG)

RESERVATIONS REQUIRED! by 4pm, Friday, July 10! Please make reservations ASAP with the receptionist at URS Consultants, 714-660-7676. Please call if you need to cancel your reservation.

An abstract of the topic and brief resume of speaker are provided on next page.

Thank you for not smoking in the meeting room. Your cooperation is appreciated.

ABSTRACT: A careful search of historical documents allows us to determine a vast amount of information concerning the changing weather patterns and volcanic activity during the past two centuries. Following significant phreatic, sulfur-rich eruptions in the 1830's, 1884, 1889, 1902, 1912, 1963, and 1982, southern California was subjected to severe storms that entered the region from the south. Between 1832 and 1856, shipping along the California coast was subjected to storms of intensities described as worse than those encountered in rounding Cape Horn, with waves 50-60 feet high. Following the eruptions of Krakatoa in 1883, record rainfall occurred between 1884 and 1891 that has never been equaled in the 20th century. Regionally, 1884 alone may have been the most severe in the past 100 years with respect to flooding, coastal erosion, and landslides. In recent years, the 1963 eruption of Agung and the 1982 eruption of El Chichon preceded severe storms, that again, buffeted the region. Historically, storm-years of record have occurred during the winter following significant volcanic eruptions, with or without the warm-water event known as 'El Niño.' (abstract co-authored with F.P. Shepard of Scripps Institution of Oceanography, and presented at the American Geophysical Union, Chapman Conference on Climate, Volcanism, and Global Change, held in Hilo, Hawaii, March 23 - 27, 1992)

RESUME: Gerald G. Kuhn received his B.S. in geology from SDSU and is currently a Marine Geologist/Oceanographer with the Ocean Sciences Research Institute in San Diego. His fields of interest include marine geology, marine and subaerially-induced coastal changes, impact of urbanization upon the coastal zone, recent historical climatic fluctuations, and oceanography/marine geology from the Space Shuttle.

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ANNOUNCEMENTS:

1. **HELP!!! HELP!!!** SDSU geology students are looking for summer work!\$! If you have a summer (or permanent?!) position for these energetic, determined, gifted individuals, please contact Monte Marshall at SDSU (594-1395) for a list of names and resumes (...and with the budget cuts, Monte may be looking too!!! - so he gets first choice!)
2. **THANKS** to all our 1992 corporate sponsors! SDAG is still looking for more of you to help in our yearly expenses. Corporate contributions are used to sponsor students at our monthly meetings and to upgrade our equipment, etc. If you or your company would like to become a 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 Joe Coronas, 13450 Russet Leaf Lane, San Diego, California 92129.
3. **Call for Papers!!!** The 1992 SDAG annual field trip will be an update of the 1978 SDAG field trip to the Coronado Islands. If you are interested in submitting a paper regarding the geology or natural history of the Coronado Islands, please contact Lyne Perry at Converse Environmental West. The field trip has been scheduled for Sunday, September 13, 1992.
4. **REG Review, Inc.** is tentatively planning on offering its RG/CEG exam review course (with the cooperation of AEG) in the San Diego and Los Angeles areas in early August. If you would like additional information, please contact REG Review, Inc. at (415) 852-9099 or (510) 339-3771.
5. The last day for announcements to be included in the AUGUST SDAG newsletter is July 31. Please submit items in writing to Joe Coronas (fax 492-5041)

1992 SDAG FIELD TRIP

NATURAL HISTORY OF THE CORONADO ISLANDS - REVISITED

The 1992 SDAG field trip will be a boat trip to the Coronado Islands on Sunday, September 13. We are currently attempting to obtain permission from the Mexican Government to land on the South Island. This trip will be an update to SDAG's 1978 field trip, and once again, Tom Lamb has agreed to lead the geology portion of the field trip. The anticipated cost is \$55 - \$65 per person. A continental breakfast and lunch will be provided. The boats HORIZON and SEA HUNT are limited to 80 passengers total. If you are interested in submitting a paper for the field trip guidebook or would like to be a speaker on the field trip, please contact Lyne Perry at (619) 445-3928. If you are interested in attending the field trip, forward the attached form along with a \$50/person deposit to Lyne Perry. Space is limited, so sign up early!!

For those of you who are prone to sea sickness - see your doctor for a prescription of Transdermscop - It Works!!!!

**1992 FIELD TRIP ADDENDUM
FOR SCUBA DIVERS ONLY**

ATTENTION all SDAG Certified SCUBA Divers!!! Sport Chalet Divers is offering a dive trip to the Coronado Islands on Sunday, August 30, 1992 aboard the boat HORIZON. The cost for a one day dive trip is \$65. See the back side of this page for details. Let's get together for this dive trip to get a unique view of the geology, flora and fauna of the Coronado Islands. You do not have to attend the field trip to attend the dive trip. If you are interested, make your reservation through your nearest Sport Chalet store. This is not an exclusive SDAG trip, therefore divers will be accepted on a first come, first serve basis. Contact Lyne Perry for further details.

If you are interested in the dive trip, but you are not a Certified Diver, there is still time to get your Open Water I Certification. Contact your nearest dive shop for details.

**1992 SDAG FIELD TRIP - CORONADOS ISLANDS REVISITED
Sunday, September 13, 1992
Reservation Form**

NAME(S) _____

ADDRESS _____

Amount Enclosed \$ _____
(make checks payable to SDAG)

Send form and \$50/person deposit to:

SDAG c/o Converse
Environmental West
9471 Ridgehaven Court, Suite C
San Diego, CA 92123
Attn: Lyne Perry

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