

SAN DIEGO ASSOCIATION OF GEOLOGISTS

1994 EXECUTIVE COMMITTEE

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MEETING NOTICE WEDNESDAY, AUGUST 17, 1994

SPEAKER:

Mr. Paul Remeika

TOPIC:

Introduction to the Neogene Stratigraphy and Paleontology of Basinal Depositional Environments

of the Western Salton Trough, Anza-Borrego Desert State Park, CA.

PLACE:

Tom Ham's Lighthouse 619 291-4613

4613 TIME:

6:00-Social Hour

2150 Harbor Island Dr.

7:00-Dinner

San Diego, CA

8:00-Program

DINNER:

BANQUET DINNER BUFFET. Roast breast of turkey, fresh seafood, cheese enchiladas, salad bar, rice,

vegtable, coffee, tea, milk or soft drink, bread, butter. NOTE: No dessert, so plan accordingly.

COST:

\$16.00

Please make checks payable to San Diego Association of Geologists (SDAG).

Reservations required by noon August 16th, 1994. Please phone in your reservation to Anne Sturz, 461-2644. Leave name, number in party and affiliation. Please call Anne if you need to cancel your reservation.

ABSTRACT

Paul Remeika is a State Park Ranger I/Park Paleontologist stationed at Anza-Borrego Desert State Park. He began his career in 1973 after receiving a BA. degree in Recreation Management and Geology at San Diego State University. His primary responsibilities include coordinating the paleontology program within the park, and managing/field researching the diverse Neogene paleogeologic natural resources of the western Salton Trough-Gulf of California structural depression. He is credited with the discovery and identification of many types of Plio-Pleistocene vertebrate fossils, ichnofossils, and petrified wood species. He is currently working on several technical projects and writing a paleontology book for Anza-Borrego.

Within the Anza-Borrego Desert State Park, the seismogenic San Jacinto and Elsinore Fault Zones divide an enormous Neogene syndepositional sedimentary succession into two prominent structurally-controlled paleobasins, referred to as the Vallecito-Fish Creek Basin in the south and the Borrego-San Felipe Basin in the north. The documented paleontological record includes 170 vertebrate taxa (>17,000 cataloged specimens recovered from 2,500 localities) belonging to five local faunas, >200 invertebrate taxa, a paleobotanical assemblage, and an increasing ichnogenera recovered from thick >5,000m vertically superimposed Mio-Pleistocene (Hemphillian-Rancholabrean LMA) epicontinental marine, deltaic and alluvial deposits. In all, the paleogeology represents a nationally recognized reference section.

In order to responsibly research, manage and protect this large heritage-preservation resource, Anza-Borrego paleontologists are conducting a systematic Inventory of Natural Features for General Plan (GP) compilation. The GP is a workable legal document legislatively mandated by the Public Resources Code of the State of California. It is based on quantitative collection inventories, field salvage recovery, identification, preparations and curation, cataloging and accountability of the park's natural and cultural resource features.

Phase I, just completed, includes a detailed 1:5,000 scale black and white lithostratigraphic treatise of the Borrego Badlands. Continuation of additional phases is still pending. Once completed, the revised geologic, stratigraphic and paleontologic mapping information (including correct nomenclature and stratigraphic control) of both paleobasins will be digitized on 7.5 minute USGS quadrangle sheets to the GIS system for addition to the Southern California Areal Mapping Project.

ANNOUNCEMENTS:

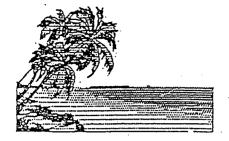
- 1. The July SDAG-AEG-IGS meeting in Murrieta Hot Springs was well attended by about 100 members from the 3 organizations. Of those present, 9% were members of all 3 organizations. SDAG thanks everyone for their participation in this years meeting. Also, thanks again to Inland Geological Society and their officers for all the effort applied to make the meeting a success....... See you all next year!
- 2. Speaking of meetings, there will be NO SDAG SEPTEMBER MEETING. The executive Committee will be recovering from the PICNIC (please see announcement number 4).
- 3. Deadline for announcements to be included the **September SDAG newsletter** is Wednesday August 24th. Please submit your items in writing to Anne Sturz, 6466 Bonnie View Dr., San Diego, CA 92119 or fax to 619 461-2644.
- 4. PICNIC The annual picnic is scheduled for Saturday September 10, 1994 and will include SDAG, ASCE Geotechnical Section, SDSU Geology Department and Alumni. MAKE RESERVATIONS EARLY SEE ATTACHED FLYER.
- 5. Corporate Sponsors through April 30, 1994 include: Allied Geotechnical Engineers Inc., American Geotechnical, Catlin Engineering Inc., Perry and Nona Crampton, William J. Elliot, Gallagher Drilling Service, Group Delta Consultants, Hargis + Associates, IT Corporation, Barbara Johnston; John Minch and Associates, Pacific Soils and Engineering, Robertson Geotechnical Inc., Tony V. Sawyer Consulting Hydrologist, Southland Geotechnical Consultants, Daryl Streiff Consultant, Anne Sturz, Woodward-Clyde Consultants, Tetra Tech, Inc., Transglobal Environmental Geochemistry, Zeiser Kling Consultants, Inc., Carole Ziegler. THANKS TO ALL CORPORATE SPONSORS!
- 6. The 1994 Annual SDAG Field Trip will revisit the Geology, Groundwater, and Natural History of Camp Pendleton Marine Base. The field trip is scheduled for Saturday, October 29, 1994. We know that many of our members have worked there or at least know someone who has worked there, so lets get motivated and submit some papers (short or long) to SDAG Vice Chairperson and Field Trip Coordinator, Phil Rosenberg (622-2278). Thank you.
- 7. SCGS call for papers: Publication and Field trip to the Mojave Desert Region, California. Trip organizers are Diane Murbach and Joan Baldwin. The South Coast Geology Society is seeking manuscripts describing new work which will be published in the field trip volume. Submittals should cover areas in or adjacent to the Mojave Desert region. Please contact Diane Murbach at (619) 275-1462 if you are interested in submitting a manuscript. Rough drafts are due to the editors by June 15th. Deadline for camera-ready submittals is August 1, 1994. Submittals should be sent to: Diane Murbach, SCGS, 4626 Bay Summit Place, San Diego, CA 92117
- Upcoming meetings:

October 12-16, 1994. 31st Annual AIPG Meeting, Little America Hotel, Flagstaff, Arizona

October 24-27, 1994 GSA Annual Meeting, Seattle, Washington

November 2-4, 1994 California Beach and Shoreline Preservation Association, Del Mar, California.

SDAG - SDSU GEOLOGY ALUANI - SDSU GEOLOGY AND... ASCE GEOTECHNICAL



1994 PICNIC



WHEN:

Saturday, September 10, 11:00 AM till ???

WHERE:

Northeast Corner of Vacation Isle's Ski Beach - Mission Bay

COST:

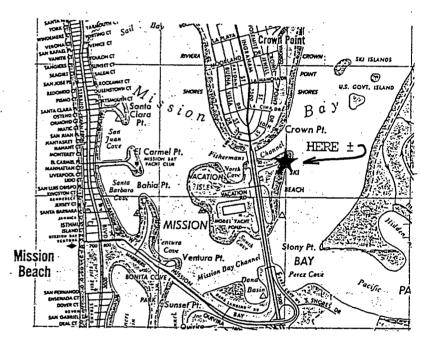
\$5.00 per person, family members, friends, etc.. Students with reservations

through the Geology Department and kids with reservations... free!

MENU Includes:

BBQd steaks, hot dogs, potato and macaroni salads along with lots of other type of junk foods, snacks and treats. If you have a favorite picnic dip or snack that you would like to share, feel free to bring it along.

A volleyball net will be available. Bring your sunscreen, hat, chairs, beach towels, blankets and your favorite toys.



ADVANCED RESERVATIONS REQUIRED! Please complete the following form and mail soon...must be received by September 6th.

NAME:		
ADDRESS:		
PHONE:		
No of A 1-14	07.00/ 1>	
No. of Adults	x \$5.00(each) = \$	
No. of Kids	(Free)	
	Amount enclosed \$	

MAIL TO:

ANN STURZ 6466 Bonnie View Drive San Diego, CA 92119

SDSU Geology Students will be sponsored by the Alumni Association, make reservations through Geology Department San Diego Association of Geologists 6466 Bonnie View Dr. San Diego, CA 92119



JSE ZIP

Tanges, Susan E. 1465 E. Lexington Ave. #7A El Cajon, CA 92019