



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1996 EXECUTIVE COMMITTEE

PRESIDENT Anne Sturz Univ. San Diego Marine/Environmental Stds Alcala Park San Diego, CA 92110-2492 (619) 260-4096	VICE-PRESIDENT Tissa Munasinghe Univ. San Diego Marine/Environmental Stds Alcala Park San Diego, CA 92110-2492 (619) 260-4099	SECRETARY Werner Landry Development Services Dept. City of San Diego 1222 First Avenue, ms 401 San Diego, CA 92101-4154 (619) 236-7251	TREASURER Lowell Lindsay Sunbelt Publications 1250 Fayette St. El Cajon, CA 92020 (619) 258-4911
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MEETING NOTICE - JOINT WITH SOUTH COAST GEOLOGICAL SOCIETY MONDAY MAY 13, 1996

SPEAKER: Dr. Robert Crippen

TOPIC: Visualizing the Earth's Crust: Geomorphically, Spectrally, Temporally and Seismically

PLACE: El Adobe Restaurant
31891 Camino Capistrano
San Juan Capistrano, CA 92675
(714) 493-1163

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

DINNER: Mexican Special

COST: \$20.00

RESERVATIONS REQUIRED by noon Friday May 10th. Please phone in your reservation to Werner Landry at (619) 236-7251. Leave name, number in party and affiliation. Please call Werner if you need to cancel your reservation. If you have special diet requirements, contact Anne Sturz by Friday May 10th.

ABSTRACT

Dr. Crippen will discuss application of satellite imagery to geological investigations and how visualization and mergers enhance the process of information extraction. He will show that the synoptic view, information from non-visible wavelengths, and digital processing can reveal geological features not readily detectable in ground surveys. Several examples of southern California geology will be illustrated including some 3-D images viewable with special glasses.

Dr. Crippen has been a research geologist at the Jet Propulsion Laboratory for the past nine years. He received his Ph.D. at the University of California, Santa Barbara. In recent years, he has been at the forefront of image processing and has shown that ground displacement, such a fault offsets and sand dune migrations, can be seen and measured in optical satellite images even if the displacements are smaller than the resolution of the pixels that make up the image.

ANNOUNCEMENTS

* **CORPORATE AND INDIVIDUAL SPONSORSHIPS UP! MANY THANKS TO:** Joe Corones; Dr. Blayne Hartman and TEG; John Hoobs and Geocon Inc.; Ralph Jeffery and American Geotechnical; Barbara Johnston; Mike Palmer; Robertson Geotechnical, Inc.; Tony V. Sawyer, Consulting Hydrogeologist; Bob Smillie and Group Delta Consultants; David and Jan Steller; Dr. Anne Sturz; Carole Ziegler. **THANKS-THANKS-THANKS-THANKS!**

Corporate and individual support above and beyond normal membership dues enhances our ability to provide student scholarships, provide complimentary dinners to students at our monthly meetings, and provide extra beverages at the picnic and field trip.

* **BOOK OF THE MONTH SALE** SDAG publication, *Environmental Perils*, will be offered at the May meeting only (no mail orders please) for the reduced price of **\$2.00 per copy**. Now is your chance to restock your personal library, buy unique gifts for friends and relatives, and make room in our inventory for future SDAG volumes.

* **AAPG ANNUAL MEETING** SDAG will share a booth with South Coast Association of Geologists. Set up of the booth will be on Saturday May 18th. The booth will be in operation May 19th-21st. We are seeking volunteers to attend the booth. Please contact Anne Sturz if you would like to participate (voice 619 260-4096, fax 619 461-2644, email asturz@acusd.edu).

* **DEADLINE** for announcements to be included in the June SDAG newsletter is May 25th, 1996. Please submit your items in writing to Anne Sturz, 6466 Bonnie View Dr. San Diego, CA 92119 or by fax at 619 461-2644.

* **POSITIONS WANTED**

George Copenhaver, Jr., BS, MS, RG, CEG, Seasoned professional wants permanent or consulting position in (or based in) the southern California area. Specialties in geotechnical engineering, forensics, mining geology and environmental assessments. Call George at (619) 466-6221 or pager 893-0544.

Kevin Marty, seeking temporary or permanent position with (but not limited to) a geotechnical firm, entry level. Have geohydrology background. Education: M.S. Geology, 1994. Contact Kevin Marty, (619) 353-2407 or 881 Orange Ave. Apt A, El Centro, CA 92243.

* **SCGS/SDAG JOINT MEETING TRAIN OPTION:** Some of us plan to take Amtrak to the May meeting.

Northbound:	leaves	Downtown	4:30 pm
		Solana Beach	5:00
		Oceanside	5:20
	arrives	San Juan Capistrano	6:00
Southbound	leaves	San Juan Capistrano	10:13
		Oceanside	10:43
		Solana Beach	10:56
		Downtown	11:41



San Diego Association of Geologists

CALL FOR PAPERS

To be Published in
Coastal Geology of Southern California: Guidebook for the Annual Field Trip
Tissa Munasinghe and Phil Rosenberg (Editors)

Field Trip Date: Saturday 28th September 1996
Abstract Deadline: August 2 1996
Camera-Ready Copy Deadline: September 1 1996

You are invited to submit papers to be published in the SDAG Field Trip Guidebook that will be issued for the annual field trip. The field trip will consist of several stops at selected locations along the coasts of San Diego, Orange, and probably Los Angeles Counties.

The format for the papers are as follows:

Subjects / Topics: Papers that address current research, and/ or issues relating to one or more of the following topics will be given preference. Geology of coasts, lagoons, bays, estuaries, and tidal flats, Sedimentology of coastal rocks, and sediments, Coastal Tectonics, Sediment Transport, Coastal Erosion, Coastal Engineering Geology, and Other Coastal Environmental Geological issues.

General Information: Papers must be based on your original work conducted preferably in Southern California. Significant work done in other areas will also be given consideration. Please have your paper reviewed at least by two peers before submittal. If the reviewers agree, include their names in an acknowledgment section. The Authors are responsible for the accuracy of the facts, figures, and concepts and conclusions of their papers. The paper must include Title, Author Names (most contributing first etc.), including addresses, a one-column Abstract, an Introduction, body of text (include sub-titles), Summary and/or Conclusions, Acknowledgments (optional), and References (please refer to the Geological Society of America format for citing references). Submit the camera-ready paper and a cover page that include Title, Author Names, including addresses, phone numbers, Fax numbers, e-mail addresses, Names and addressees of the Referees, and any other information. Information supplied in the cover page will not be published.

General Format: Papers must be type-written on one side of 8 1/2 x 11 inch paper. Use 10 point times or equivalent font, in a two-column format. The right margin may or may not be justified. Pages must be numbered from 1, and the numbers printed at bottom center of each page. Leave 1 inch margins all around.

Illustrations: Graphs, and other figures may be black and white line drawings or fields of different gray scales. Keep illustrations simple. Please make sure all information is legible. Avoid including unnecessary information. Illustration should fit within the 1 inch margins of a 8 1/2 x 11 inch page.

Photographs: Photographs must be high-contrast, black and white, and must fit within a 8 1/2 x 11 inch page.

Figure and Table Captions: These must be printed below the illustration. The captions must be concise, but descriptive enough to signify the features of the illustration or Table. Please do not use phrases like "see text for details". If from another work, please include the source of the illustration or Table.

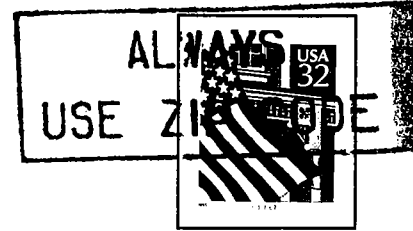
Submit your questions, abstracts, and papers to:

Tissa Munasinghe
8929 Scorpius Way
San Diego, CA 92126

(619) 695 - 0729 (voice, and fax)
tissa@pwa.acusd.edu

Note: More information will issued later.

San Diego Association of Geologists
c/o Werner Landry
Development Services Department
City of San Diego
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