



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1995 EXECUTIVE COMMITTEE

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MEETING NOTICE

WEDNESDAY, APRIL 19, 1995

Location	Tom Ham's Lighthouse 2180 Harbor Island Drive San Diego (619) 291-0110	Time	Social Hour 6:00 Dinner 7:00 Program 8:00
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Menu Tossed Green Salad, Seafood Brochette. Shrimps, Scallops, Sea Bass and Halibut, broiled in lemon butter, rice pilaf and vegetable, Espresso Cheesecake.

Cost \$20.00 (Please make check payable to SDAG)

Reservation Required by 8:00 p.m. Monday April 17th. Please phone in your reservations to Tissa Munasinghe 695-0729. Leave Name, Number in party, and Affiliation. Please call Tissa if you need to cancel your reservation. If you have special diet requirements (i.e. vegetarian), contact Phil Rosenberg, 622-2278.

Speaker Dr. Sabine E. Apitz.

Dr. Apitz is the Senior Scientist at the Navy Remediation Research Lab at the Naval Command, Control and Ocean Surveillance Center in San Diego. She is directing various research projects including Slurry Bioreactor for the Degradation of Fuels in Soils and Sediments, Harbor Sediment Remediation, and Mineralogical Controls on the Weathering, Sorption and how contaminants interact with mineral surfaces.

Topic Contaminated Marine Sediments, Perspectives of Management and Remediation.

Abstract

Marine sediments are impacted by a variety of activities: contaminants can come from ship discharges, industrial emissions, runoff, leaching of creosote-soaked pier pilings, oil seeps, prior hazardous waste sites in the coastal zone, and storm drains. Contaminated sediments can pose risks to aquatic ecosystems and to human health through food chain bioaccumulation and biomagnification. Millions of cubic yards of sediments are dredged every year, throughout the United States, in order to maintain waterways and berthing areas. Extensive federal legislation regulates the management of contaminated sediments, from evaluation procedures to sediment dredge disposal and cleanup. Regulatory actions will increasingly require the cleanup of contaminated sediments. Cleanup standards as well as the lack of affordable or available upland or offshore dumping sites, will in many cases result in the need for some form of treatment for extremely contaminated sediments from dredging operations before disposal. However, these contaminated sediments are extremely heterogeneous and complex, often complicating both cleanup and risk interpretation. Many of the biochemical and technological issues which complicate and drive sediment management decisions will be discussed.

ANNOUNCEMENTS:

1. State Board of Registration for Geologists and Geophysicists has sent out an open letter to all Geologists and Geophysicists requesting input to be included in a report to convince the State of the importance of the Board of Registration. The following is an excerpt of that letter.

The Board of Registration is required to submit a report to the Joint Legislative Sunset Review Committee on Oct. 1 1995. The sunset legislation, SB 2036, was passed by the legislature and signed by the governor last year. It will abolish the Board of Registration as of January 1, 1998 unless this report can demonstrate a clear necessity for licensing order to protect the public health, safety, and welfare.

We are asking you to assist the Board by providing information on any laws, ordinances, and regulations which require a Registered Geologist, Registered Geophysicist, Certified Engineering Geologist, or Certified Hydrogeologist to prepare a report, or provide other professional work. If possible we would appreciate a copy of the law, ordinance or, or regulation, and the name and the address of the agency requiring the professional work, such as a County Planning Dept., City Public Works, or Building Dept., Local Implementing Agency. Etc.. We would appreciate have whatever information you can send us by **April 20, 1995** for timely inclusion in the report.

In addition, we would appreciate any examples you can provide of instances where public health and safety have been protected, or put at risk due to geologic conditions and/or the work of professional geologists. The Board is being asked to provide a cost-benefit analysis of economic impact of licensing geologists and geophysicists. The sections of the new law most pertinent to the report to the legislature are available for your information. Your comments or information on any aspect of the required information and demonstrations will be carefully considered.

After the report has been submitted to the legislature, and hearing have been held, it will be necessary to have a bill passed by the legislature to authorize the continued existence of the Board. This will be the appropriate time to contact the legislators.

Please send any information you may obtain to assist in developing this report to the Board, Attention Seena Hoose, Chair, ad hoc committee on SB 2036, at State Board for Registration for Geologists and Geophysicists, 400 R St., Ste. 4060, Sacramento, CA 95814. Phone: (916) 445-1920.

2. ASCE Geotechnical Group monthly meeting will be held on Thursday April 13th. Dr. I. M. Idriss will speak on the Japan Kobe Earthquake. More information from Dave Corley at Geoccon, 558-6900.
3. A one-day short course sponsored by the Southern California Section of the Association of Engineering Geologists, titled "Professional Liability Loss Prevention" is scheduled for June 17th in Irvine. This course was prepared by Associations of Firms Practicing in the Geosciences and has been designated specifically for geologists, engineers, and environmental scientists who will benefit by knowing more about professional liability loss prevention. Topics will include, the causes of disputes and suits, the cost of a law suit, our legal system in brief, the negligence standard, duty of care, contract issues, limitation of liability, and warranty/guaranty issues etc.. Please contact Sue Tanges at 619-442-8022 for further information and registration forms. Advance registration is required by June 2, 1995!
4. EEGS two-day short course: Environmental and Engineering Geophysical Society will hold a field-oriented course *Application of Surface Geophysics to Environmental Problems* in Denver, Colorado, at the Lowry Municipal Landfill, Aurora, Colorado, June 9 and 10, 1995. The EEGS two-day short course will give participants an understanding of the physical principles and field operations of the most common surface geophysical techniques currently in use for engineering and environmental applications. For more information contact Mark Cramer (303) 771-6101.
5. 1995 MEMBERSHIP forms will be available at the April Meeting. If you have not renewed your membership yet, please do so then. Your membership dues support printing and mailing of the newsletter, student scholarships, the annual field trip, and the annual picnic. We appreciate your continued support.
6. Corporate and Personal Sponsors: THANK YOU!
Allied Geotechnical Engineers, Perry and Nona Crampton, Joe Coronas, William J. Elliott, Earth Resource Mapping, Gallagher Drilling Service, Geotechnical Exploration, Inc., Hargis + Associates, Barbara Johnston, The JMA Group of Companies, Tony Sawyer - Consulting Hydrogeologist, Robertson Geotechnical, Inc., Dr. Anne Sturz, Transglobal Environmental Geochemistry, Woodward-Clyde Consultants, Zeiser-Kling Consultants, Carole Ziegler.
7. Next SDAG meeting will be held on Wednesday May 17th at Karl Strauss Beer Garden, Sorrento Valley. The speaker will be announced.
8. SDAG is still looking for speakers for future meetings. If you are interested in presenting an interesting topic please contact a SDAG executive member.
9. Deadline for announcements to be included in the May newsletter is Friday April 28th 5 pm. Please submit your items in writing to Tissa Munasinghe (8929 Scorpius Way, San Diego, Ca 92126), or fax to (619) 260-6804.

CALL FOR PAPERS

SAN DIEGO ASSOCIATION OF GEOLOGISTS 1995 FIELD TRIP GUIDEBOOK TO ANZA-BORREGO DESERT STATE PARK, CALIFORNIA

EDITED BY:

Paul Remeika, Park Paleontologist, Colorado Desert District, Anza-Borrego Desert State Park;
Anne Sturz, Vice-Chair SDAG, Marine and Environmental Studies Program, University of San Diego

The San Diego Association of Geologists is proud to announce that its Fall 1995 field trip will explore the geology, paleontology, and natural history of Anza-Borrego Desert State Park. The trip, planned for the weekend of October 21-22, 1995, will highlight the stratigraphy, seismology, and fossil resources of the state park as well as the western Salton Trough. Geologic stops will examine syn-depositional sediments of the Vallecito-Fish Creek Basin and Borrego-San Felipe Basin; active faults including the Coyote Creek and Clark Faults of San Jacinto Fault Zone, the Tierra Blanca Mountains Frontal Fault and Vallecito Creek Fault of the Elsinore Fault Zone; invertebrate fossils from the proto-Gulf of California; ancestral Colorado River deltaic sediments; locally-derived Hemphillian to Rancholabrean-age vertebrate-bearing alluvial sediments, and much, much more.

The San Diego Association of Geologists is seeking manuscripts describing new research and work on Anza-Borrego which will be published in the field trip guidebook volume. Submittals need not be confined to the area covered by the field trip but should address the western side of the Salton Trough-Gulf of California structural depression, including Coyote Mountains and eastern-most Peninsular Range geomorphic province. Please contact Anne Sturz (voice 619 260-4096; fax 619 461-2644; email asturz@teetot.acusd.edu) if you are interested in submitting a manuscript. The editors require that the rock unit nomenclature, descriptions, locality names, etc., be maintained in a consistent manner as stipulated in the guidelines throughout the volume. Deadline for title and abstract submission is May 1, 1995. Deadline for camera-ready paper submittals is August 1, 1995.

PAPER GUIDELINES

1. Paper title and author(s) name(s) should be at the top of the first page of text.
2. 1-inch margins at tops, sides and bottom of each page. Format text into two columns with right and left justified margins. Type single-spaced and print using Times New Roman 12 pt font.
3. All graphics and photos should be camera-ready and if possible mounted in place. A location or index map is requested for all papers. Location names must adhere to accepted state park guidelines.
4. Please have contributions reviewed by two colleagues prior to submittal. Manuscripts will be reviewed for accepted nomenclature and field checked for accuracy prior to publication.
5. References should be cited within the text as author or authors et al., and the year. The reference list should be in the back and follow Geological Society of America's standard format.

SUBJECT MATTER:

Manuscripts pertaining to Anza-Borrego, western Salton Trough, and surrounding regions, in stratigraphy, biostratigraphy, seismology, mineralogy, invertebrate and vertebrate paleontology and related disciplines. Manuscripts considered for the guidebook volume should be written toward the well-educated specialist and para-professional. All manuscripts should reflect original work which further knowledge in the field.

FORMAT:

Two clear copies of the manuscript must be submitted to the editors with a letter of transmittal requesting that the manuscript be considered for publication and that it is not presently under consideration elsewhere. Manuscripts should be typewritten, single spaced, using Times New Roman 12 pt font, double column, right and left justified, with 1" margins top, bottom and sides, on one side only of 8.5" x 11" paper. The cover page should contain the title and author(s) name(s), address and phone number. The first page of text should have the paper title and authors(s) name(s) at the top. The author's last name and the page number should appear at the top of each of the following pages. Include copies of figures, tables and photographs.

STYLE:

Authors should follow the standards for footnotes, citations, headings and other conventions as used the Geological Society of America Bulletin. Authors should be aware of and avoid inappropriate gender-biased language.

REVIEW:

Manuscripts will be reviewed for nomenclature accuracy by park paleontologists and by outside experts. Manuscripts may be accepted, provisionally accepted, or be found unsuitable for publication by the editors. Provisional acceptance may include suggestions for revisions.

ATTACHMENTS:

Original photographs are required for publication. Photographs should be black and white, glossy finish, of good quality and contrast. Figures and drawings should be in India ink or equivalent on white paper or film. Captions should be submitted on separate pages, single spaced, and referenced in their accompanying figures. Authors are encouraged to submit accepted manuscripts on DOS-compatible 3.5" diskettes in addition to paper copy.

RESPONSIBILITIES:

The author has the primary responsibility for the correctness and accuracy of his or her information, research, arguments and presentation. In submitting a manuscript for consideration, the author assures the editors that the manuscript is an original work and does not infringe upon the rights of previous authors or publishers.

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Send order form to:
 Anne Sturz
 6466 Bonnie View Dr.
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