

SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

SDAG MEETING ANNOUNCEMENT
Wednesday, February 16, 2005

THE STATUS OF THE CONSTRUCTION AGGREGATES INDUSTRY IN SAN DIEGO COUNTY

presented by

WARREN COALSON

President, EnviroMINE, Inc.

Where: Tom Ham's Lighthouse Restaurant
2150 Harbor Island Drive
San Diego, CA 92101
(619) 292-9110

When: 6:00 pm – Social Hour
7:00 pm – Dinner
8:00 pm – Program



Directions: Tom Ham's is located at the west end of Harbor Island. From Harbor Drive turn south onto Harbor Island Drive. At the second light turn right. Go to the end.

Dinner: The usual large assortment buffet, including Vegetarians.

Cost: \$25.00 per member and guests, \$15 for students. Add \$5.00 if you did not make a reservation.

Reservations: Make your reservation **online** at www.sandiegogeologists.org or call the SDAG Reservation Hotline at (619) 255-8380, **no later than 5:00 p.m. Friday, February 11th.**

RESERVATIONS CANNOT BE ACCEPTED AFTER Friday AT 5 PM.

2005 EXECUTIVE COMMITTEE

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WEBMASTER - Carolyn Glockhoff; *Caro-Lion Enterprises*, Ph: (858) 549-3396; carolyn@caro-lion.com

BIOGRAPHICAL SKETCH:

Warren Coalson is the President and Principal-in-Charge of EnviroMINE, Inc., a project planning and environmental consulting firm with public and private sector clients. Mr. Coalson has over 25 years of experience in mine planning and reclamation, regulatory compliance, and environmental analysis. He has prepared numerous environmental documents covering a wide range of impact issues. Mr. Coalson is known throughout California for his efforts with mining policy development and implementation of the California Surface Mining and Reclamation Act of 1975.

SUMMARY:

THE STATUS OF THE CONSTRUCTION AGGREGATES INDUSTRY IN SAN DIEGO COUNTY

The aggregate industry is comprised of the extraction of sand, gravel and stone and supports virtually all types of construction projects. Because aggregate is a high bulk, low value commodity, these natural resources tend to serve local markets. Transportation costs significantly affect the final price of aggregate. While demand for aggregate rises within the County, no new production sites have been permitted in the past 30 years. Due to expiration of permitting terms for active production sites and the cost of acquiring entitlement to expanded operational areas, the number of active production sites in the County has dwindled from 45 sites in 1980 to 14 active sites today.

The presentation will cover the historic, current, and projected status of aggregate consumption and production in San Diego County including data from the California Division of Mines and Geology, SANDAG, and the California Department of Finance. Also highlighted in the presentation are the permitting terms for existing production sites in the County as well as the requirements for expansion and establishment of new sites. The costs and impacts of alternative transportation modes will also be discussed.

ANNOUNCEMENTS:

SDAG NEWSLETTER IS DIGITAL! If we don't have your e-mail address, or your email address changes, or if you have problems with the electronic format please contact **David Bloom** at 619-524-6967 OR secretary@sandiegogeologists.org.

2005 SDAG MEMBERSHIPS are now being accepted. Please be sure to renew to continue receiving the newsletter. Your membership supports our activities. We adore our Corporate Sponsors. Thank you to all the Corporate Sponsors who renewed! Please consider renewing your Corporate Sponsorship for 2005. A membership form is included with this month's newsletter.

VII REUNION DE LA SOCIEDAD GEOLOGICA PENINSULAR ENSENADA, ABRIL 2005

Deadline: February 4, 2005; send it by e-mail to: yajimo@uabc.mx
<http://geologia.igeolcu.unam.mx/proyecto/SGP/caratulaSGP.html>

Ana Luisa

ANNOUNCEMENTS (CONTINUED):

19th ANNUAL SDSU GEOLOGY ALUMNI FIELD TRIP: EVERYONE IS WELCOME!! :)

WHEN: March 4, 5, and 6

WHERE: Painted Canyon, in the Mecca Hills, 6 miles east of Mecca, 20 SE of Palm Springs, near the north shore of the Salton Sea.

WHAT: Two days of hiking up Painted Canyon Gorge. Saturday, beginning at 9am, see the oldest rocks in So Cal, then the K-T Orocopia Schist, and many porphyritic dikes and talk about southwest tectonics since 2 Ga. Sunday, beginning at 9am, see the highly deformed sedimentary rocks, gouge, and basement in and near the strands of the San Andreas Fault.

MORE INFO: See the SDSU Geology Dept. website <http://www.geology.sdsu.edu/>

2005 SDAG MEETING SCHEDULE - Mark your Calendars!

We'll fill out the schedule as we get speaker confirmations and finalize meeting places. Meetings are usually on the 3rd Wednesday of the month but may change to accommodate speaker and meeting place schedules. Check here for updates!

March 16	SDAG Scholarship Recipients Charles Ipka (SDSU) and Angela Holz (USD). CJs in La Jolla.
April 20	Monte Marshall, "Mountain Building from the Alps to New Zealand" Tom Ham's Harbor Island
May 19**	**NOTE This is a Thursday!! Rick Halsey, The Chaparral Institute Mission Trails Park Nature Center
June 15	TBD
July 20	TBD
August 17	TBD
September 21	Phil Farquharson - Carrizo Gorge talk
October 22-23	Annual Field Trip – Carrizo Gorge!!! (Note: date is tentative.)
November	TBD
December 21 (?)	Annual Holiday Meeting at San Diego Natural History Museum! (Date may change due to availability of Museum)

PROFESSIONAL GEOLOGIST NAME CHANGE EFFECTIVE JANUARY 1

With the passage of Senate Bill 1914 (Figueroa) in the Fall of 2004, the name for licensed geologists in the State of California changed from Registered Geologist (RG) to Professional Geologist (PG). This change in the law became effective on January 1, 2005. Individual license numbers will remain the same, but all new pocket licenses and wall certificates will state Professional Geologist. Existing wall certificates and pocket licenses are still valid and do not need to be replaced.

The titles Certified Engineering Geologist (CEG) and Certified Hydrogeologist (CHG) are still valid and are not affected by this change. Registered Geophysicists (RGP) did not have their license renamed. The following is the link to the legislation: http://www.leginfo.ca.gov/pub/03-04/bill/sen/sb_1901-1950/sb_1914_bill_20040929_chaptered.pdf

For those interested in getting a new stamp, the specifications can be found here:

http://www.geology.ca.gov/laws_regs/sect3008.pdf

From: www.geology.ca.gov

A16 lecture series on "Geology of the Sierra Nevada," all at 7 pm: 2/15-Oceanside, 2/16-Solana Beach, 2/17 San Diego (Alvarado). Glaciers, volcanoes, faults, roof pendants, tectonics. Details at www.adventure16.com/events

ANNOUNCEMENTS (CONTINUED):

SDAG Historical Geologic Map Archive Thank you for all your help and contributions! We have permissions from the copyright holders to begin production of a DVD-ROM disc to make the archive available. Anyone who would like to help, please contact **Greg Cranham** at gcranham@hargis.com, or **David Bloom** at secretary@sandiegogeologists.org or (619)524-6967. For a preview of Hanna (1926) *Geologic Map of La Jolla Quadrangle*, (reduced resolution) click: <http://www.muststayawake.com/SDAG/Hanna1926.html>



SDAG 2005 Annual Fall Field Trip is tentatively scheduled for the weekend of October 22-23. It's a trip through Carrizo Gorge in cooperation with the Carrizo Gorge Railway. More info to come.

San Diego is the home of the **Gemological Institute of America (GIA)** and is hosting the 4th International Gemological Symposium **25-27 August 2006**- field trip is to the Pala pegmatite district. Contact info: **Dr. James Shigley** jshigley@gia.edu or www.gia.edu

SDAG Wear: - Monte (Murbach) has a variety of shirts, hats, visors and even a nice vest with the SDAG logo. A small selection is available for purchase at the meetings; all SDAG wear can be ordered from Monte.

2005 Inland Geological Society Meetings

Greetings Members and Attenders, Affiliates and Recipients - Happy New Year !

March 3, 2005-1st Speaker: Jason Preach, Calif. Council of Geoscience Organizations (CCGO), Sacramento: "Status of California State Mining and Geology Board (SMGB) and California Board of Registration for Geologists and Geophysicists and the California Performance Review of State Boards (CPR)"

2nd Speaker: Dr. Douglas A. Barnum, USGS, Salton Sea Science Office, La Quinta, CA: "Update: Salton Sea Restoration or Integrated Water Resources Management Plan"

April 6, 2005 - John Izbicki, California Coastal Plain and Desert Areas, Water Resources Division, U.S. Geological Survey, San Diego: "Studies Results on Chromium in the Mojave Desert"

May 17, 2005 (Tuesday) - Speaker(s): Sponsored by CSU-SB, Geology Department, Dr. Alan Smith, Department Chair (with Erik Melchiorre): "Tour of New Facilities and Short Discussions of Programs, Geology Department, California State University, San Bernardino," hosted by CSU-SB, joint IGS joint meeting with Southern California Section, Society of Mining, Metallurgy and Exploration (SME).

June 1, 2005 - Dr. Gary Fuis, U.S. Geological Survey, Menlo Park, CA: "Geophysical and Geological results of active-source (dynamite) deep seismic work in southern CA leading to identification of a hazard in the form of a major decollement beneath the San Gabriel Mountains, and apparent connection to the Puente Hills thrust fault system" (subject, not talk title)

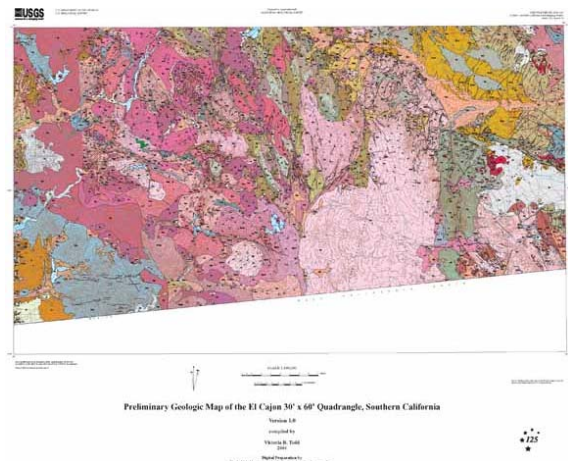
U.S. Geological Survey Open-File Report 2004-1361

PRELIMINARY GEOLOGIC MAP OF THE EL CAJON 30' X 60' QUADRANGLE, SOUTHERN CALIFORNIA

Compiled by Victoria R. Todd

2004

Download it at: <http://pubs.usgs.gov/of/2004/1361/>



ANNOUNCEMENTS (CONTINUED):

Short Course Announcement: EVALUATION & MITIGATION OF SEISMIC HAZARDS

AN INTENSE TWO-DAY COURSE APRIL 8-9, 2005 SAN DIEGO, CA

A short course for geotechnical professionals on evaluation and mitigation of seismic hazards. The course is sponsored by San Diego ASCE Geotechnical section and SDAG, in partnership with UC Berkeley's Department of Civil and Environmental Engineering. The course is taught by leading researchers and experts in seismic hazards:

Dr. J. D. Bray, UC, Berkeley; Dr. R. B. Seed, UC, Berkeley; Dr. J. Pestana, UC, Berkeley; Dr. N. Abrahamson, UC, Berkeley; Dr. T. Rockwell, SDSU

Location:

Tom Ham's Lighthouse, 2150 Harbor Island Drive, San Diego, CA
(619) 291-9110

Cost

The fee is \$450 and includes: Comprehensive Course Notes, and Daily Breakfast, Lunch, and Coffee

Friday 7:00 am - 4:00 pm

Seismicity and Earthquake Engineering Overview,
Selection and Use of Strong Motion Data,
Empirical Evidence of the Influence of Soils on
Ground Shaking Characteristics,
Dynamic Soil Properties and Their Evaluation,
Seismic Site Response Evaluation.

Saturday 7:00 am - 4:00 pm

Evaluation and Mitigation of Soil Liquefaction
Hazard,
Surface Fault Rupture,
An Overview of Other Issues.

DO YOU HAVE AN ANNOUNCEMENT?? Do you have an event, job opening, field trip or other announcement you would like to share with our members?? Just call or email our SDAG Secretary, **David Bloom** at 619-524-6967 OR secretary@sandiegogeologists.org.

JOB OPENINGS!

Hargis + Associates, Inc., a San Diego based consulting firm specializing in hydrogeology and engineering, currently has opportunities in our San Diego, California office. We are presently looking to fill the following positions:

Hydrogeologist/GIS Environmental Scientist: Candidate would have a B.S. Degree in Geology or related field, and expertise in ArcView GIS and related applications. Ideal candidate would have experience with sampling, well installation, aquifer test analysis, and/or groundwater modeling. Position will be based in San Diego, and may require some travel and field work. OSHA 40-hour training preferred. Entry level candidates with a strong GIS background will be considered.

Staff Hydrogeologist: Candidate would have a B.S. Degree in Geology, and 3 to 5 years relevant experience, including experience with soils and groundwater sampling, well installation, work plan and report preparation, task management, cost estimating and scheduling. Candidate should possess strong organizational, writing and presentation skills. Registered Geologist (RG), or ability to obtain within two years, groundwater modeling experience, and Masters Degree is a plus. Position will be based in San Diego, and will require some travel and field work. OSHA 40-hour training required.

Hargis + Associates offer competitive salaries and benefits, and a challenging work atmosphere. Hargis + Associates is an Equal Opportunity Employer. To learn more about Hargis + Associates, please visit our website at:

www.hargis.com.

No phone calls please. Qualified candidates should send resumes, along with a cover letter summarizing experience and salary requirements to:

Hargis + Associates, Inc.
Attention: Kim Stransky

2365 Northside Drive, Suite C-100
 San Diego, CA 92108

JOB OPENINGS! (CONTINUED)

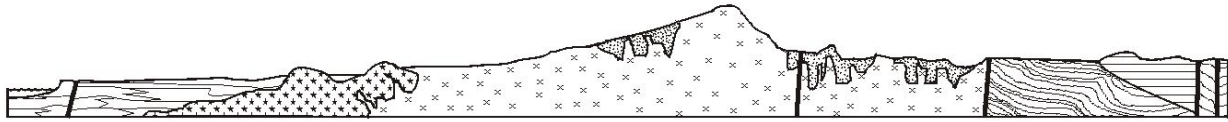
**Geotechnical/Environmental-Civil Design/Survey-Testing/Inspection
 Construction Testing & Engineering, Inc. (CTE)**

CTE, a leader for more than 15 years in consulting engineering, survey, and testing/inspection, is actively searching for qualified **Engineers, Geologists, QC Mgrs, and Surveyors** for our corporate office building in Escondido and new office in San Diego. Professional registration is preferred, but not mandatory. Also seeking **Drafters, Soils Technicians, Special Inspectors, and Survey personnel**. Compensation is highly dependant on previous experience. Tremendous growth and management potential exists for all positions. For more information contact or forward resumes to: CTE, Attention Natasha, Phone: 760.746.4955, Fax: 760.746.9806, Email: Natasha@cte-inc.net

2005 CORPORATE SPONSORS - THANK YOU!!

A significant portion of the SDAG operating and scholarship budget is provided by corporate sponsorship. Please consider renewing your Corporate Sponsorship for 2005! In addition to monthly recognition for your contribution, you will be entitled to a free Internet "link" from the [SDAG Website](#), and all Corporate Sponsors are listed in the front of the annual SDAG Field Trip Volume.

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SAN DIEGO ASSOCIATION OF GEOLOGISTS

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| Dues: | _____ Student Member (email delivery only) | \$ 5.00 |
| (check choice) | _____ Student Member (add US mail delivery) | \$ 10.00 |
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Date: _____ Check for change of mailing address:

Please enclose a check payable to SDAG, and mail to:

Sarah Gray
Marine and Environmental Studies Department
University of San Diego
5998 Alcalá Park
San Diego, CA 92110

**San Diego Association of Geologists
c/o David M. Bloom
3728 Mt. Almagosa Place
San Diego, CA 92111**