



SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

SDAG FIELD TRIP ANNOUNCEMENT
Saturday-Sunday, October 30-31, 2004

Mining History and Geology of
JOSHUA TREE NATIONAL PARK, California

No meeting this month.

<http://field-trips.geology-guy.com/sdag2004/>
for field trip map and photos.

SDAG 2004 ANNUAL FIELD TRIP

**JOSHUA TREE
NATIONAL PARK**
October 30-31st



This beautiful gem of Southern California will be the destination for our 2004 field trip. We will be focusing on the higher elevation, Mojave Desert portion of the park. SDAG members will camp in the park, and we will visit several points interest, both geologic, mining and cultural. The trip will be limited by number of vehicles, not people. Trip will be full when we have 28 vehicles signed up. Carpooling is a must. Dr. D. D. Trent, co-author of "Joshua Tree National Park: Geology" is scheduled to join us on our trip. Note that Sunbelt Publishing has copies of Dr. Trent's book (with Dr. Richard W. Hazlett, 2002) for sale! Contact Lowell Lindsay at llindsav@sunbeltpub.com.

Sign Up! Reservation Form is on next page.

2004 EXECUTIVE COMMITTEE

PRESIDENT - Monte Murbach; *Petra Geotechnical*; Ph: (858)-485-5530; mmurbach@petra-inc.com

VICE PRESIDENT - Margaret Eggers; *Eggers Environmental, Inc.*; Ph: (760) 757-7711; megggers@eggersenv.com

SECRETARY - David Bloom; *Anteon*; Ph: (619) 524-6967; fax (619) 524-6000; secretary@sandiegogeologists.org

TREASURER - Phil Farquharson; *CG-Squared Productions*, Ph.(619) 224-8463; fax (619) 255-8380; geoguy@cg-squared.com

PUBLICATIONS-Lowell Lindsay; *Sunbelt Publications*; Ph:(619)258-4911 x111; fax:(619)258-4916; llindsav@sunbeltpub.com

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

SDAG Field Trip 2004: Mining History and Geology of JOSHUA TREE NATIONAL PARK, California

The 2004 San Diego Association of Geologists SDAG annual field trip and associated volume theme, will be ***Mining History and Geology of Joshua Tree National Park, California***. The trip will explore the Mojave Desert portion of the park. The Field Trip chair and editor of the guidebook is Dr. Margaret Eggers, Vice President of SDAG.

DATES / ITINERARY: October 30 - 31, 2004.

The details of the trip are being worked out. Saturday night – Cottonwood Campground with catered dinner. Beverages will be provided by SDAG. Sunday – simple continental breakfast and campground departure. Maximum of 28 vehicles, so carpooling is extremely important.

COST: \$65.00 per person. Sorry, no student discount rates. Fee includes guidebook, campground fee, Saturday night dinner, and continental breakfast Sunday. Fees are non-refundable. All ages welcome.

FOR ADDITIONAL INFO: Contact Margaret Eggers, SDAG Vice President 760-757-7711.

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2004 SDAG FIELD TRIP REGISTRATION FORM **TODAY'S DATE:** _____, 2004

NAME(S): _____
 ADDRESS: _____
 CITY/STATE: _____ ZIP: _____
 DAY PHONE: _____ EVENING PHONE: _____

E-MAIL ADDRESS (to be used for field trip purposes only): _____

TOTAL NUMBER AND FEE FOR YOUR PARTY (VEHICLE)
 Full fee @ \$ 65/ea. X _____ participants: \$ _____
TOTAL ENCLOSED: \$ _____

MAIL THIS FORM AND YOUR CHECK (payable to SDAG) TO:
 Margaret Eggers
 Eggers Environmental, Inc.
 2181 El Camino Real, Suite 100
 Oceanside, CA 92054

We require that you sign and return the following Release and Waiver before the field trip.

San Diego Association of Geologists General Release and Save Harmless Waiver

The undersigned, having been advised as to the nature and possible dangers and hazards of the San Diego Association of Geologists field trip activities planned for October 30 and 31, 2004, does hereby assume any and all risks involved in connection with the field trip and does hereby save and hold harmless the San Diego Association of Geologists, the Association officers and members, all claims, losses and damages (including attorneys fees and any costs involved because of said claims) on account of injury, death, property damage, and inconvenience or loss of money due to delay that may arise, by reason of my participation in the field trip. I understand that my use of alcohol or drugs would impair my judgment and coordination, and will hold the Association harmless from claims arising from the use of either. I understand that I am responsible for carrying my own medical and liability insurance.

 Signature Date

ANNOUNCEMENTS:

SDSU GEOLOGY DEPARTMENT SEMINARS return for Fall 2004

Departmental Seminars on Wednesdays. <http://www.geology.sdsu.edu/seminars/>

Lecture Series 1:00-2:00 pm in CSL 422

| | |
|------------|--|
| October 6 | Kim Olsen, SDSU – <i>Dynamic coulomb failure stress goes to Hollywood</i> |
| October 13 | Tim Baumgartner, CICESE - <i>Interdecadal to Multi-Centennial Variability of Pelagic Fish Populations in the California and Humboldt Current Systems</i> |
| October 20 | Gary Girty, SDSU - <i>The Eastern California Shear Zone, the Tosco-Abrejos fault, and the geology of the Picacho State Recreation Area</i> |
| October 27 | Rachel Teasdale, CSU-Chico - <i>Volcanism in the Galapagos Islands: 1998 Eruption and Lava Flow Emplacement</i> |
| November 3 | Faculty and Students Attending GSA Present Abstracts |

CALL FOR PAPERS! Peninsular Geological Society: Call for papers and updated information now available on the website: <http://geologia.igeolcu.unam.mx/proyecto/SGP/caratulaSGP.html>

VII International Meeting on the Geology of Baja California will be hosted by colleges from Universidad Autónoma de Baja California in collaboration with CICESE in **Ensenada, April 4-7 2005.**

The **State Mining and Geology Board's October 14th** meeting notice is now posted on our website at: www.conservation.ca.gov/smgb 2:00 pm start time. The meeting will be conducted in Sacramento. We may be going to Pomona for the November 18th meeting. Thank you for your continued interest! (Submitted by Kit Gonzales, Executive Assistant, California State Mining and Geology Board, 801 K Street, MS 20-15, Sacramento, CA 95814)

The Dibblee Geology Center of the Santa Barbara Museum of Natural History presents the Fourth Annual **Tom Dibblee Celebration Brunch** in honor of Tom's 93rd birthday and presentation of the Dibblee Medal, George H. Billingsley, Dibblee Medalist 2004. Keynote Speaker: Matthew P. Golombek, Earth and Space Sciences Division, Jet Propulsion Laboratory, California Institute of Technology. **Sunday, October 17, 2004, 11:00 a.m.**, Fleischmann Auditorium, Santa Barbara Museum of Natural History. Proceeds support the production of Dibblee Geological Maps. For more information, contact Susan Hawk, Development Assistant for the Santa Barbara Museum of Natural History, (805) 682-4711 ext. 345 or e-mail shawk@sbnature2.org. Your contribution, less \$25 per person, is tax deductible. Prices: Tickets \$50 each. Sponsors: Table of 8 - \$400 each. Sponsor ticket \$100 each.

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.

SDAG 2004 Member Directory is available for \$2 at our meetings. If you would like a copy mailed to you, please contact our SDAG Secretary, **David Bloom** at 619-524-6967 OR secretary@sandiegogeologists.org.

SDAG Historical Geologic Map Archive Thank you for all your help and contributions! Now that we have a set of maps scanned, we are beginning to prepare a CD-ROM disc to make the archive available. Anyone who has graphics experience and would like to help, please contact **Greg Cranham** at gcranham@hargis.com, or **David Bloom** at secretary@sandiegogeologists.org or (619)524-6967.



ANNOUNCEMENTS (CONTINUED):

California Performance Review (CPR). The Governor's CPR proposes a major change to the Board of Geology. Check out the report on the Internet: <http://cpr.ca.gov/> especially the recommendation to consolidate the State's geologic programs (Recommendation RES08)

GEOLOGIST EXPLAINS CONNECTION BETWEEN DIRT AND WINE. Geologist David G. Howell will discuss his book, co-authored with Jonathan Swinchatt, *The Winemaker's Dance: Exploring Terroir in the Napa Valley*, on **Friday, October 8**, in downtown Berkeley. Part of the series 'Minds on Fire: Conversations with UC Press Authors,' the lunchtime event will be held from noon to 1 p.m. at the offices of UC Berkeley Extension, 1995 University, Room 202. The event is co-sponsored by the Osher Lifelong Learning Institute, and admission is free. For more information see: <http://www.berkeley.edu/cgi-bin/events.pl/ZOOM/18017>

San Diego Regional Geologic Model. Jerome Jaminet working with Eric Frost at SDSU and the San Diego Supercomputer Center (see SDSC's GEON project <http://www.geongrid.org/>) has been developing a system to make it easier to obtain and share useful geologic data and to build up new referencable materials for the San Diego region.

Mr. Jaminet would like input from practicing geologists on an ongoing basis. SDAG members may contact him on how this project could most benefit geologists in the region.

Contact Info: Jerome Jaminet, Jr., Senior Project Scientist, TRC, 9471 Ridgehaven Court, Suite E, San Diego, CA 92123, (858) 505-8881, (858) 505-9515 fax, jjaminet@trcsolutions.com

New Point Loma Book. SDSU Professors Pat Abbott and Thomas Rockwell authored a chapter on the geologic history of Point Loma titled "From Sea to Shore" in a new book titled *Understanding the Life of Point Loma*, published by the Cabrillo National Monument Foundation. The 184-page paperback will retail for \$16.95. For more information on Cabrillo National Monument visit <http://www.nps.gov/cabr>

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.

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.

SDAG PUBLICATION ORDER FORM

(619) 258-4911
 fax: (619) 258-4916

P. O. Box 191126
 San Diego, California 92159-1126

www.sandiegoogeologists.org

| LIST | QUANTITY | PRICE | TOTAL |
|---|----------|---------|-------|
| <i>Mining History and Geology of Joshua Tree National Park</i> Eggers (2004) | | \$25.00 | \$ |
| <i>Geology of the Elsinore Fault Zone San Diego Region</i> Murbach and Hart (2003) | | 25.00 | |
| <i>Coastal Processes and Engineering Geology of San Diego, California</i> Stroh (2001) | | 25.00 | |
| <i>Geology and Enology of the Temecula Valley</i> Birnbaum and Cato (2000) | | 15.00 | |
| <i>Water for Southern California</i> Cranham(1999) | | 15.00 | |
| <i>Geology and Geothermal Resources of the Imperial and Mexicali Valleys</i> Lindsay and Hample (1998) | | 15.00 | |
| <i>Santa Cruz Island Geology Field Trip Guide</i> Boles and Landry (1997) | | 15.00 | |
| <i>Paleontology and Geology of the Western Salton Trough Detachment, Anza-Borrego Desert State Park, California</i> Remeika and Sturz (1995) | | 15.00 | |
| <i>Geology and Natural History, Camp Pendleton US Marine Corps Base, San Diego County, California</i> Rosenberg (1994) | | 20.00 | |
| <i>Natural History of the Coronado Islands, Baja California, Mexico, Revisited</i> Perry (1992) | | 10.00 | |
| <i>Environmental Perils, San Diego Region</i> Abbott and Elliott (1991) | | 10.00 | |
| <i>Geological Excursions in Southern California</i> (GSA 1991) | | 15.00 | |
| <i>Geotechnical Engineering Case Histories in San Diego County</i> Hoobs (1990) | | 10.00 | |
| <i>Seismic Risk in the San Diego Region</i> Roquemore, Tanges and Wright (1989 - proceedings) | | 10.00 | |
| <i>Landslides in Crystalline Basement Terrain</i> Evans (1988) | | 5.00 | |
| <i>Geology of the Encinitas Quadrangle-Three Maps</i> | | 5.00 | |
| SUBTOTAL: | | | |
| Postage and Handling \$4.00/book (unless picked up): | | 4.00 | |
| TOTAL: | | | |

rev. 09/04

DATE OF ORDER: _____

CHECK # _____

SHIP TO: _____

1. Prices subject to change without notice. _____
2. Allow 4 weeks for delivery. _____
3. Make checks payable to SDAG at address above. _____
4. Bookseller discount off list price is 40%,
 resale number required. Phone: _____

JOB OPENINGS!

Ninyo & Moore has immediate openings for **Staff-, Senior Staff-, and Project-level Geotechnical Engineers, Geologists, and Geophysicists, and a Senior Technical Marketing Associate** in their San Diego office. Excellent benefits (health, dental and 401K), and compensation commensurate with experience. Submit resumes to our Corporate office: Ninyo & Moore, 5710 Ruffin Road, San Diego, California 92123, Attention: Ms. Margot A. Graves (EOE) Please visit us at our web site at www.ninyoandmoore.com.

Hargis + Associates, Inc., a San Diego based consulting firm (and **SDAG Corporate Sponsor**) specializing in **hydrogeology and engineering**, currently has opportunities in both our Mesa, Arizona, and San Diego offices. We are currently looking to fill the following positions:



Staff Hydrogeologist: (2 positions) Candidates would have a B.S. Degree in Geology, and 3 to 5 years relevant experience, including experience with sampling, well installation, work plan and report preparation. Candidate should possess strong writing and presentation skills. GIS skills, Masters Degree and/or California registration is a plus. Position will be based in San Diego, and will require some travel and field work. OSHA 40-hour training required.

Project Geologist: Candidate would have a B.S. Degree in Geology, and 5 to 7 years relevant experience, including experience with sampling, well installation, work plan and report preparation, task/project management, cost estimating and scheduling. Registered Geologist (RG), or ability to obtain within one year preferred. Masters Degree is a plus. Candidate should possess strong organizational, writing and presentation skills. Position will be based in San Diego, and will require some travel and field work. OSHA 40-hour training required.

Staff Engineer: Candidate would have B.S. Degree in Chemical, Civil, or Mechanical Engineering and EIT Certification, and 2 to 4 years of relevant experience, including design, operation, and maintenance of remediation systems. Masters Degree and registration is a plus. Candidate should possess strong writing and presentation skills. Position will be based in San Diego, and may require some travel and field work. OSHA 40-hour training preferred, but not mandatory.


Senior Engineer: Candidate would have a B.S. Degree in Civil Engineering and registration in Arizona with ten+ years of relevant experience, including design, operation, and maintenance of remediation systems. Masters Degree and/or California registration is a plus. Strong leadership, writing and presentation skills required. Position will be based in Mesa and may require some travel and field work. OSHA 40-hour training and MSHA training preferred, but not mandatory. Excellent opportunity for an experienced, registered Arizona Civil Engineer. Some travel may be 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 resume, 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

JOBS (CONTINUED)

 KLEINFELDER is seeking a **Senior Environmental Engineer for their Temecula office**. Qualifications: Job Code #292: Seeking individual with management experience (personnel and projects). Positions require BS degrees in civil, chemical, mechanical, or environmental engineering; MS degrees with EIT, PE, or certification preferred. Ten plus related experience required. To submit a resume online, go to Kleinfelder.com and click on "Careers." (1203)

C.W. LaMonte Company Inc. PART-TIME. Geotechnical ex. ~10 hrs/wk. Duties will include: -soils lab work, -technical report writing, -some field work, -will need vehicle or transportation to La Mesa Contact Jerry Redolfi, 619-462-9861 to schedule interview.

2004 CORPORATE SPONSORS - THANK YOU!!

A significant portion of the SDAG operating and scholarship budget is provided by corporate sponsorship. Please consider becoming a Corporate Sponsor for 2004! 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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|--|---|
| Dr. Sarah Gray - University of San Diego | Dr. Monte Marshall |
| Sue Tanges, Southland Geotechnical Consultants | Steven N. Bradley, Testing Engineers - San Diego, Inc. |
| David and Jan Steller | Dr. Anne Sturz |
| Dr. Richard Berry | Hargis + Associates, Inc. |
| Carole L. Ziegler | Katherine Freese |
| Donald Sorben | Jonathan Goodmacher, PSI |
| William J. Elliott, Engineering Geologist | Lowell Lindsay, Sunbelt Publications |
| Pat Brooks and Julie Crosby | Rob Hawk, City of San Diego |
| Dr. Pat Abbott | Ninyo & Moore |
| Mr. Clive Moody, Fugro West, Inc. | John Hoobs - Geocon, Inc. |
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| John Peterson, Peterson Environmental Services | Malcolm Vinje, Vinje & Middleton Engineering, Inc |
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| Kleinfelder | Bob Smillie, TerraCosta Consulting Group |
| Dr. Margaret Eggers, Eggers Environmental, Inc. | Curtis R. Burdett, Christian Wheeler Engineering |
| Construction Testing & Engineering, Inc. | Sherry Bloom , Real Estate Broker |
| EnviroMine, Inc. | Geopacifica, Inc., Attn: James Knowlton |
| FUGRO | |

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