

SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

SDAG / AEG JOINT MEETING ANNOUNCEMENT

MONDAY, AUGUST 3rd, 2009

(AEG's "regular" meeting date!)

An Introduction to the Use of Ground-Based Stereo Photography in Geopractice

Presented by

Edmund Medley, Ph.D., PE, CEG, F.ASCE

2009 Richard H. Jahns Distinguished Lecturer in Engineering Geology

Where: Catalina Room (southern end of MVCC) **SEE MAP**
Marina Village Conference Center
1936 Quivira Way, San Diego, CA 92109

When: 5:30 pm – Social Hour
6:30 pm – Dinner
7:00 pm – Program

Directions: FROM INTERSTATE 5: Take the SEA WORLD DRIVE exit. From SEA WORLD DRIVE, take WEST MISSION BAY DRIVE on your right. When you see the large green sign that says QUIVIRA ROAD, get in the farthest left of the two left turn lanes. Turn left, go one very short block and turn left again. Drive about one half mile and MARINA VILLAGE will be on your right.

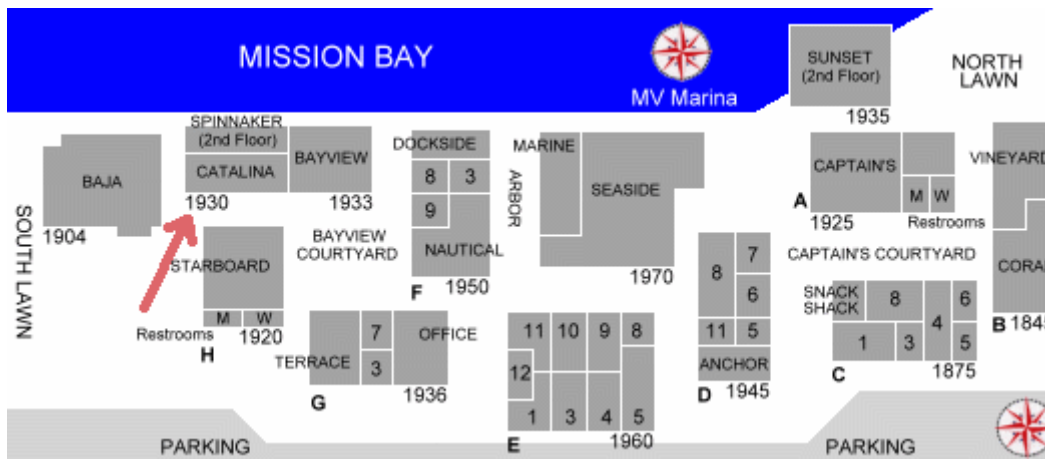
FROM INTERSTATE 8: Take the WEST MISSION BAY DRIVE exit to the right. You will be on INGRAHAM STREET for a short distance from which you will take the next exit marked WEST MISSION BAY DRIVE on your right. When you see the large green sign that says QUIVIRA ROAD, get in the farthest left of the two left turn lanes. Turn left, go one very short block and turn left again. Drive about one half mile and MARINA VILLAGE will be on your right.

Dinner: Hawaiian Luau Buffet

Cost: \$25 for members, \$30 non members. Students \$20

Reservations: Make your reservation **online** at www.sandiegogeologists.org **no later than noon, Friday, July 31st.**

**RESERVATIONS CANNOT BE ACCEPTED AFTER FRIDAY AT 12 NOON.
IF YOU DO NOT MAKE A RESERVATION, WE CANNOT GUARANTEE YOU A MEAL.**



2009 SDAG MEETING SCHEDULE - Mark your Calendars!

Meetings are usually on the 3rd Wednesday of the month but may change to accommodate speaker and meeting place schedules. Check here for updates!

September	Candace Kohl , "Meteorites"
October	Annual field trip preview

2009 EXECUTIVE COMMITTEE

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Edmund Medley, Ph.D., PE, CEG, F.ASCE

Dr. Ed Medley is the 2009 Richard H. Jahns Distinguished Lecturer in Engineering Geology. The selection committee for this award is composed of representatives of the Association of Environmental and Engineering Geologists (AEG) and the Engineering Geology Division of the Geological Society of America (GSA). The intent of the partially-funded Lectureship is to encourage student and professional awareness of engineering geology through a series of lectures presented across North America during the award year. The award was established in 1988 to commemorate Professor Richard H. Jahns (1915-1983), who had an influential and diverse career in academia, consulting and government. Details on the life and career of Professor Jahns are presented at edmedley.com (Jahns Lectures page).

Lacking math and science pre-requisites, Dr. Medley began his academic life in 1973 as a "mature student", admitted to the Mining Technology program at the British Columbia Institute of Technology, in Burnaby, British Columbia. Transferred to the University of British Columbia, in Vancouver, British Columbia, he graduated in 1978 with a B. Appl. Science in Geological Engineering (Geotechnical Option), winning the first Aro A. Aho Medal for academic excellence in Geological Engineering. Even more matured, he earned a mid-career M.S. in 1991 and a Ph.D. in 1994, both in Geotechnical Engineering, from the University of California at Berkeley. He was the AEG Marliave Scholar in 1993, awarded for outstanding scholarship in Engineering Geology and Geological Engineering. For his Ph.D. research he

pioneered approaches to the engineering and geological characterization of bimrocks (block-in-matrix rocks), complex geological mixtures of rock and soil such as melanges, fault rocks and weathered rocks. Dr. Medley has authored/co-authored about 50 professional contributions, many on bimrocks. Most of his professional and research contributions are available at bimrocks.geoengineer.org and edmedley.com. He has also presented over 150 professional and academic lectures, Short Courses and MCLE Credit courses.

Dr Medley is a Senior Consultant in the Oakland, California office of Geosyntec Consultants (geosyntec.com). He began his career in the Applied Earth Sciences in 1969, and now has over 30 years of unusually varied international experience in geotechnical and geological engineering consulting, mineral exploration prospecting, failure investigation, litigation testifying and research. He has consulted on major landslides, rockfall hazards, expansive/collapsing soils, tunnel failures, coastal erosion, sinkholes and other ground movements. He is licensed/registered/chartered as an engineer and geologist in the USA, Canada and the United Kingdom.

Affiliated with several international geosciences and engineering organizations. Dr. Medley has been a member of the GSA and AEG for many years. He was the San Francisco AEG Section Membership Committee Chairman between 1991 and 1993 and the San Francisco Section Short Course Chairman between 1995 and 1996. He currently contributes time to several professional committees, Editorial Boards, and as a peer reviewer, to professional journals.

“An Introduction to the Use of Ground-Based Stereo Photography in Geopractice”

In some situations three-dimensional (3D) perception is critical to efficient and accurate geological/geotechnical investigation. Taking and exploiting ground-based stereo photographs for personal use and geology and engineering consulting is easy and inexpensive. Stereo (3D) photos preserve records of site conditions for use in analysis back at the office, and allow a clear visual depiction of the site to audiences such as clients and juries. Examples of ground-based stereo images of terrain, landslides, gullies, distressed structures, and other features-as used in project-related analyses and presentations-demonstrate the considerable advantages in collecting and viewing site information as stereo images. Stereo glasses will be provided.

2009 CORPORATE SPONSORS - THANK YOU!!

Corporate sponsors provide a significant portion of SDAG’s operating and scholarship budget. In addition to monthly recognition for your contribution, you are entitled to a free Internet link from [SDAG’s Website](#). We also list Corporate Sponsors in our annual SDAG Field Trip Volume.

Dr. Pat Abbott, SDSU (Emeritus)	Joe Coronas, City of San Diego
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President's Corner, August 2009

Well, another great SDAG meeting and talk with our partners in crime AEEG. Bob Stroh, current AEEG San Diego President (and former SDAG President) enticed Dave Schug of URS to tell us a bit of what is going on down south, Panama to be exact, with regard to the improvements on the Panama Canal. The talk was very informative with lots of pretty pictures. It looks like, when all is said and done, the Panama Canal upgrades will be beneficial to international commerce, upgrades that appear to be long overdue!

The planning for the annual SDAG Field Trip is in high gear! Bryan Miller-Hicks, SDAG VP, and Montek the Terrible (Marshall) have been planning a great trip to the Santa Rosa/San Jacinto Mountains area. Some of this terrain will be familiar to last years intrepid adventurers, but we will be seeing some new things like Deep Canyon. The Philip L. Boyd Deep Canyon Desert Research Center is run by UC Irvine and is a place that has been largely undisturbed by man, and excellent place for research. As such, it is not open to the general public. So this trip will likely be your one and only opportunity to see Deep Canyon and the geological goodies it offers. This alone is worth the trip. Additional details (and cost) will be forthcoming in the very near future, so stay tuned.

I was unable to see Pat Abbott's talk in June with SCGS, but I want to extend a warm thanks to Pat for what I am sure was a memorable talk.

It is good to be back with all of you. My wife and I spent a month in Southern Africa (South Africa, Botswana, Zambia, Zimbabwe, Mozambique, and Swaziland) celebrating (early) our 15th anniversary (we got married when we were 12). The trip was one of a lifetime with lots of great experiences. Seeing all of the animals was an obvious highlight, but I did not expect to be so taken by the many waterfalls in the northern end of the Drakensburg Mountains west of Kruger National Park, the scenery of the Drakensburg, or the crystal clear night sky of Botswana with the Milky Way, Big Dipper, and the Southern Cross all in clear view. Victoria Falls was another amazing experience, with a curtain of water over a mile long and 300 feet high. It is so large you can not view the entire falls from land.

We are talking about a few more One Stop Wonders in the near future, so keep your eyes and ears peeled for more information.

Finally, we look forward to this quickly approaching talk by Dr. Ed Medley, Jahns Distinguished Lecturer in Engineering Geology, and to the upcoming talks to, dare I say it, round out the year.

All the best, Scott Snyder, SDAG President

ANNOUNCEMENTS

SDGS/SDAG

As many of you are aware, the San Diego Geological Society (SDGS) was formed early this year as an official non-profit 501(c)3 corporation, and SDAG is now an organization under this corporation. The reasons for doing this were many and they are spelled out in an informational sheet, the Business Plan of SDGS. The officers of SDGS should be very familiar to you, as they are all past presidents of SDAG, as well as me, Scott Snyder, current SDAG President. For those of you that would like to read more about SDGS and what it means to SDAG, check out the informational page on the website. Also check out the website www.sandiegogeologicalsociety.org (Not to be confused with the San Diego Genealogical Society of course...)

CALL FOR PAPERS:

"Mylonitization and associated low angle/detachment faulting in the northern Santa Rosa and southern San Jacinto Mountains, California."

To be published in association with the

2009 San Diego Association of Geologists Annual Field Trip

November 7th and 8th, 2009

Co-organizers:

Bryan Miller-Hicks, Vice President, SDAG
Independent engineering geology consultant
bryanmillerhicks@gmail.com 619-733-3724

Dr. Monte Marshall, Ph.D.
Emeritus Professor of Geologic Sciences, SDSU
mmarshall@geology.sdsu.edu 619-795-9871

SCOPE: Papers addressing topics related to mylonites, geology, structural geology, metamorphism, metasediments, faulting, folding, meta-structures, biology, environmental issues, geography, native American culture, and history of the Deep Canyon, northern Santa Rosa Mountains and southern San Jacinto Mountains

TIMELINE: Email a statement of interest & topic to the co-editors as soon as possible

Manuscripts due: April 15th, 2009
Revised manuscripts due: July 15th, 2009
Target publication date: late September, 2009

For further information, contact bryanmillerhicks@gmail.com or mmarshall@geology.sdsu.edu



"The Ocean, the Wine and the Valley"

An international symposium to honor the life and work of Antoine Badan

November 16-18, 2009. Ensenada, B. C., Mexico



Oceanographers, wine-makers and environmentalists are invited to submit contributed (oral or poster) presentations for this unique, critical-discussion gathering. *Main topics include:* physical oceanography of the Gulfs of Mexico and California, enology and viticulture related to the wines and vineyards of California and Baja California, and environmental sciences with emphasis in the sustainability of the Guadalupe Valley. Special consideration will be given to works related to two or all three of the above topics. Submissions will be accepted until the end of August. Confirmed participants include:

P. Niiler, SIO/UCSD.

A. Lugo Fernández, MMS.

M. Hendershott, SIO/UCSD.

K. Brink, WHOI.

C. Winant, SIO/UCSD.

H. D'Acosta, Casa de Piedra.

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M. López, CICESE.

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M. Lavín, CICESE.

F. Martain, Cavas Valmar.

A. Provenzale, ISAC/CNR.

Contact: Julio Candela (jcandela@cicese.mx), Julio Sheinbaum (julios@cicese.mx) or
Edgar Pavia (epavia@cicese.mx).

<http://www.cicese.edu.mx>



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SEEKING JOB OPPORTUNITIES!

Daniel Meeh I am interested in obtaining an entry level position in a Geology related field. I have received my Bachelors of Science degree in Geology from Wheaton College and I am looking forward to putting my knowledge to practical use. I am also a dedicated, driven individual who desires excellence in everything that I do. Not only am I well educated, but I am willing to learn a job and give above and beyond what is expected. I am confident that I can be a great asset to any organization. I appreciate any help you can offer and I would very much like to discuss my qualifications with you in person. I can be reached at 281-701-0826 or by e-mail at Daniel.Meeh@my.wheaton.edu.

Jake Lippman I am looking for an entry-level position as a geologist. In particular, I am interested in hazard assessment (seismic, landslide, flooding, etc.) I am a recent graduate with a BS in Geology from UC Davis and an MA in Climate from Columbia. Please e-mail me with any employment opportunities at jdl2129@columbia.edu or call (415) 672-0918. Thank you very much!

JOB OPENINGS!

Brian F. Smith and Associates (BFSA) has immediate openings for several qualified individuals including **Paleontological Monitors**, and **Project Paleontologists** for projects in San Diego, Riverside, and San Bernardino Counties. Positions require a B.A. or M.A. in geology, paleontology, or a related field, and field experience in southern California. Current City of San Diego Paleontological certification preferred, or must be able to become certified immediately. Compensation will depend upon qualifications and ability. Please send or fax a current resume, or vita and references to resumes@bfsa-ca.com or fax to 858-679-9896.

Brian F. Smith and Associates (www.bfsa-ca.com) offers consulting services pertaining to all aspects of paleontology, archaeology, biology, history, air, traffic, noise and investigations throughout the southwest, primarily in southern California. The combined experience of the principal consultants and associates represents over 100 years of involvement in the study of the history and prehistory of this region. BFSA's capabilities are highlighted by the range of current projects, including construction monitoring, data recovery mitigation programs, historical structure assessments, surveys and evaluations for both the California Environmental Quality Act (CEQA) and Section 106 of National Historic Preservation Act (NHPA).

YOUR JOB ANNOUNCEMENT COULD GO HERE:



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