

SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

SDAG MEETING ANNOUNCEMENT

WEDNESDAY, MAY 21st, 2014

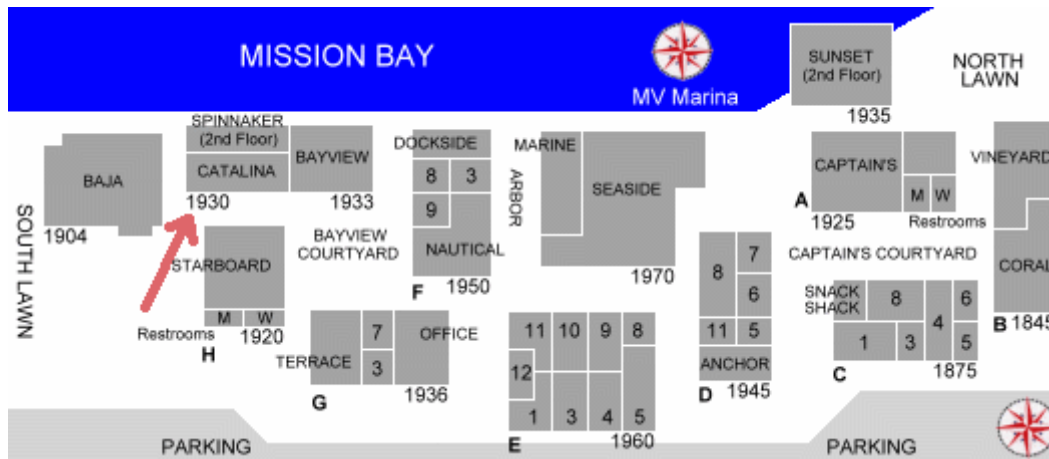
THE USE OF HISTORICAL SURVEY MAPS IN THE ANALYSIS OF SITE TOPOGRAPHY – MAPPING MYSTERIES OF SOUTHERN CALIFORNIA

Presented by

Michael J. Pallamary, Principal
Pallamary and Associates

- 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
7:15 pm – Program
- Dinner:** Hawaiian Buffet (Teriyaki Pork Ribs and Chicken, Vegetarian Stir Fry, etc). **Beverage station, dessert, cash bar.**
- 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.
- Cost:** \$30 per person, \$5 discount for members, STUDENTS: \$20. Add \$5 if you did not make a reservation

Reservations: Make your reservation online at www.sandiegogeologists.org no later than noon, Friday, May 16th.



SPEAKER BIO

Michael J. Pallamary the president and owner of Pallamary and Associates in La Jolla California. He has been surveying real property since 1971. He is a founding member of the Land Surveyors Advisory Council on Technical Standards (www.lsacts.com) and he is the author of Lay of the Land – The History of Land Surveying in San Diego. He has been a licensed Professional Land Surveyor for over 34 years, and can be considered one of San Diego’s foremost experts on “boundary Law”. In 2012, he compiled and edited The Curt Brown Chronicles: The Writings and Lectures of Curtis M. Brown, Professional Land Surveyor.

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.

June 18, 2014	Eric Drummond, Ice Cold Gold – SCGS Joint
July 16, 2014	Rob Anders, USGS – San Diego Coastal Aquifer Geochemistry
August 20, 2014	Monte Marshall – ‘nuff said

2014 EXECUTIVE COMMITTEE

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PRESIDENT'S CORNER

Hello friends and associates. This month's Corner comes to you from an executive suite situated in Jackson, Amador County, California. I have yet to strike it rich with any accidental gold discoveries, but I did stay at a Holiday Inn Express last night...and the night before...and the night before that. Every day I get to make the enjoyable drive up and down Highway 88 towards Kirkwood Meadows. The weather you all had last weekend came up to these parts as a nice late season snowstorm. We tried to work; but by the time the morning tailboard was finished, we all turned around and saw the workhorse covered in white stuff. Needless to say that turned out to be a day off.

Hope everyone is extra extra nice to the mother's in their life this month. My mother in law lives down the road in Sutter Creek, and I am much appreciative of the home cooking and laundry services I've been given of late.

This month, please come out the Marina Village. I promise some beautiful views of the Mission Bay from the remodeled Catalina Room. Not only will local surveyor, and author Mike Pallamary share some historical survey knowledge, but we will also be re-opening the much talked about Walawender Tavern, with all proceeds going to the SDAG Student Scholarship Program! If you have a special beer or wine you'd like to request, feel free to drop an email to bolson@CruxEG.com, and I may be able to accommodate, as appreciation for reading to the bottom!



Brian J. Olson
2014 SDAG President



Geology Photo of the Month

Outcrop of Migmatite

Near Santa Ysabel, California

By Mark Sturzstrom

(Width of frame approx. 4 ft)



ANNOUNCEMENTS

CALL FOR PAPERS - SDAG 2014 FIELD TRIP

“Traversing a Transform Boundary – Regional Tectonics, San Diego to the Salton Trough”

October 10 – 12, 2014

On this field trip we will explore the interaction of the major faults of Southern California to accommodate for motion between the Pacific and North American Plates. We will consider the tectonic evolution of the region and observe resulting landforms.

SDAG seeks new manuscripts based on original work relating to regional tectonics, from the San Andreas Fault through the continental borderland. We also invite authors to submit articles on the history of the region as it relates to the tectonics.

Deadline for Abstracts: Friday, May 16th, 2014

Please submit the following information along with abstracts:

- Title
- Author(s) and affiliation
- Address, email, and telephone numbers for the author(s)

Please submit abstracts by email to Jennifer Morton geologyjen@yahoo.com

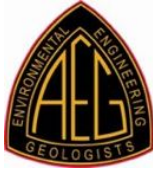
CALL FOR ARTICLES! SDAG invites members to submit articles on their current research or an interesting project they are working on for publication in the monthly newsletter. The article should be no more than 1 page in length. Photos are welcomed, too. Please submit articles to the SDAG secretary via email.

CALL FOR PHOTOS! SDAG invites members to submit photographs of an interesting geologic feature for publication in a new section of the newsletter – “Photo of the Month”. Please submit your photo along with a caption to the SDAG secretary via email.

SDAG RESEARCH TOOL A comprehensive listing of all papers published by SDAG, whether as annual field trip guidebooks or special publications, is now available on our website. Entries are sorted by primary author, or chronologically by date of publication, from our first guidebook in 1972 (40 years ago) to all things Picacho in 2011. These can be accessed or downloaded as .pdf files. They are fully searchable in Adobe Reader or Acrobat, so if you are researching a topic, "tsunami" for example, you can search for that keyword. This listing will be updated as new books are published. Thanks to Greg Peterson and Hargis + Associates, Inc., for making this possible. See the links below:

http://www.sandiegogeologists.org/SDAG_Pubs_authors.pdf

http://www.sandiegogeologists.org/SDAG_Pubs_chronological.pdf



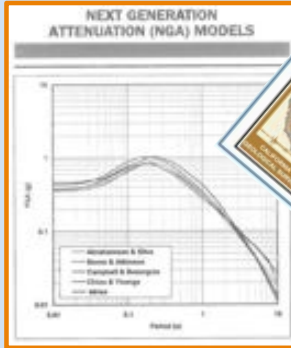
AEG Inland Empire Chapter Continuing Education Series

2013 CALIFORNIA BUILDING CODE UPDATE

for Geologists & Geotechnical Engineers

Saturday, May 31, 2014, 9:00 a.m. – 2:00 p.m.

Jennifer Thornburg, California Geological Survey
Dr. Jorge Meneses, GEI Consultants, Carlsbad, CA



This half day short course will consist of presentations and discussions regarding changes to the California Building Code (CBC), which incorporates the 2012 International Building Code (IBC) with California Amendments. These changes, effective as of January, 2014, mandate reports by Certified Engineering Geologists and Geotechnical Engineers regarding new development and upgrading of existing facilities involving essential facilities, particularly schools and hospitals.

Participants should be familiar with the following information PRIOR to the short course:

- California Geological Survey (CGS) Note 48 (Oct, 2013)
- 2013 California Building Code (CBC)
- 2013 California Administrative Code (CAC)
- California Geological Survey (CGS) SP 117A (revised 9-11-2008)
- 2010 Next Generation Attenuation (NGA)-West 2

PROGRAM AGENDA

- 8:30 Registration & Coffee
- 9:00 Welcome, Introduction, and Agenda
- 9:15 Updates on Ground Motion and Geotechnical Data Requirements in the 2013 CBC
Dr. Jorge Meneses, GEI Consultants, Carlsbad, CA
- 10:45 Break
- 10:45 Overview of the 2013 CBC and CGS Note 48
Jennifer Thornburg, CGS
- 11:45 Overview of Chapter 21 of ASCE 7-10
Dr. Jorge Meneses
- 12:30 Lunch (Deli Buffet)
- 1:30 Discussion/Questions and Closing Remarks
- 2:00 Short Course Adjourned

Sponsor: Inland Empire Chapter, Association of Environmental & Engineering Geologists

Program Coordinator: Kerry Cato, Cato Geoscience, Inc.

Date/Time: Saturday May 31, 2014, 9am-2pm

Location: San Bernardino Elks Lodge, 2055 Elks Dr., San Bernardino, CA

Fee: \$65 (includes: coffee & muffin, lunch)

To Enroll: **RSVP REQUIRED by Friday May 23, 5pm**
Desmond.Chung@geobrugg.com

Fee to be paid at the door by check or cash.



ICE COLD GOLD

SEASON 2

The first season of ICE COLD GOLD was but a glimpse of Greenland's power and potential. This season, the threats and rewards are multiplied. Nothing about Greenland is implied; a new world is about to be defined. In the rubypacked second season of ICE COLD GOLD, our spirited team of American miners returns to the most remote mining location on the planet with its eyes on a prize. With possibly the world's largest ruby in the Arctic glinting within reach, Sixty Degree Resources stretches the logistical challenge of



returning to its deposit to life-threatening, thin extremes. In Greenland, some of the rules remain the same. The window to the mining season is tight, and with no roads within thousands of miles, Sixty Degree Resources must travel to the most remote mining region in the world by boat and helicopter to reach its deposit. Then, the team must sling in thousands of pounds of heavy-duty mining equipment to get the job done. Nearly killing themselves for what they believe, these ballsy American miners bare all their emotions in chapter two of this life-threatening journey.. The odds are stacked against them - with time being their worst enemy - as they face 24-hour sunlight, massive glaciers, unknown wildlife and remote, uncharted territories no American miner ever has set foot on before.

See Ice Cold Gold Thursdays at 10:00 pm on Animal Planet

JOB OPENING

CSU, San Bernardino, temporary teaching position: The California State University - San Bernardino Department of Geological Sciences is seeking a temporary teaching replacement for Dr. Erik Melchiorre during his 2015-16 sabbatical. Specifically, the Department needs someone to teach the required classes for the environmental geology option. The courses are GEOL 375 Groundwater Hydrology, which is taught in the Fall, it is a lecture course with a total of 4 hours of lecture a week, dates and times when it can be offered are negotiable. The other course is GEOL 376-Field Methods in Hydrology which is offered in the winter quarter, this has 2 hours of lecture and 6 hours of lab per week, again days and times when it can be offered are negotiable. If you are interested, direct any questions to Dr. Alan L. Smith, Chair, Department of Geological Sciences at [\(909\) 537-5409](tel:9095375409), alsmith@csusb.edu

de maximis, inc., a nationwide firm specializing in project coordination, currently has opportunities for contract employees to provide services in Ecuador. We currently have an opportunity to provide these services and it is our understanding that there are several positions available. We understand that the initial assignment is 1 year. At least one position will require full time presence in Ecuador and the other positions could be done on a rotational basis. Strong spanish skills are essential as well as 3 to 10 years of professional experience. Work assignments and logistics will be handled from domestic de maximis offices.

Project Staff and Project Managers: Candidates would have a B.S. Degree in Environmental Science with either an Engineering or Geology degree as a plus. Candidate should have 3 to 10 years relevant experience in the environmental consulting industry. Candidates needs to have demonstrated site investigation knowledge, work plan and report preparation, task management, cost estimating and scheduling experience. The candidates should be detail oriented and have excellent verbal and written communication skills. Professional Geologist or Engineer or ability to obtain within two years, and Masters degree is a plus. Positions will be based in Ecuador (initially), and will require travel and field work.

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

de maximis, inc.
Attention: Jack Keener
1322 Scott St, Suite 104
San Diego, CA 92106
jkeener@demaximis.com

and,
Steve Myers
de maximis, inc.
Albany, New York
smyers@demaximis.com

SEEKING JOB OPPORTUNITIES

Graduating with BS in Geological Sciences: Hi there, SDAG. This is Matan A. Salmon, your 2014 SDAG secretary. This month I will be graduating from Cal State Fullerton with a BS in Geological Sciences and am currently on the hunt for work in San Diego. I'm looking to get into either the hydrogeological, geotechnical, or environmental fields and would greatly appreciate any help with this transition. Through the fantastic program at CSUF I've gained extensive experience in field techniques, lab procedures, and report writing across a broad range of disciplines within geology. If you're looking for an eager, hard working, details oriented, and computer savvy individual, I am your man.

Feel free to send any job postings, questions, or suggestions to my email: matansalmon@gmail.com.

Thank you, in advance, for any help.

Geological Engineer: I am an outgoing and enthusiastic geologic engineer with several years experience working on geological field projects, writing technical reports, and completing rigorous data analysis on large and complex data sets. Through my experience I have developed the ability to think critically, learn quickly, and communicate exceptionally both at the technical and non-technical level. I am an MS graduate with a degree in geological engineering from South Dakota School of Mines and Technology. I have 3 years of experience doing geotechnical investigations, geochemical assessments, and groundwater modeling at compromised sites and underground environments. Detailed work experience, education and more at <http://www.linkedin.com/pub/tessa-van-beek/51/46a/272> . Email Tessa Van Beek at tessaj@gmail.com for more information.

Qualifications Summary and Objective: I have 14 years experience directing surface water quality monitoring programs with a proven record of excelling in monitoring plan implementation, quality control, public notification and continuous improvement in operational effectiveness and efficiency. I have built and maintained relationships with key staff in academia, industry, and all levels of government in San Diego and California. I have a widely applicable skill set which includes: analytical thinking, communication and writing skills, data analysis and management, inter and intra-agency project coordination, and staff supervision and training. My objective is to obtain a career position with an industry leader where I can contribute my skills to build the success of my employer as well grow professionally. Detailed work experience, education and more at www.linkedin.com/in/cbclifton2010. Email cbc2006@cox.net or 619-964-1776.
Contact: Clay Clifton

ENGINEERING GEOLOGIST- California PG, MS Geology, over 13 years of applied geotechnical experience, proficient in geotechnical investigations, hazard evaluations, geophysical surveys, construction management and quality control, engineering analyses, special interest in earthquake-hazard and seismic design related applications, strong problem-solving and organizational skills. Detailed resume upon request: Anna, 201-407-7461, Afyodorova103@gmail.com

ENTRY-LEVEL ENVIRONMENTAL SCIENTIST - I am a recent UCSB graduate with a double major in Environmental Studies (BS) and Geology (BS, Earth Systems emphasis) who is looking to begin a career in environmental consulting. I have prior lab experience in both professional and

academic settings. I am looking to establish myself with a passionate and hard working environmental firm in the San Diego region. For further information about my credentials and work experience please contact Georgi Chertkov at georgichertkov@gmail.com or call me at 505-412-3107.

Request for Sponsors: 2014 SDAG/SDGS and Publication SPONSORS

On behalf of the San Diego Geological Society, Inc. (SDGS), a public benefit 501(c)3 nonprofit educational corporation, we would like to request tax deductible Donations at our San Diego Association of Geologists (SDAG). The list of paid Sponsors and the forms to become a Sponsor are located on the SDAG web site at: <http://www.sandiegogeologists.org/Sponsors.html>. Your donation will further the SDGS mission to promote geology and related fields in the greater San Diego region, operating through the San Diego Association of Geologists (SDAG), a committee of SDGS. To achieve our primary educational objective, we organize frequent field trips and maintain a program of monthly meetings featuring speakers on current geological topics. We also publish field trip guidebooks and other publications related to geology and natural history. We encourage scholarship and research by awarding scholarships from the elementary through graduate levels. With your \$100 "EMERALD" donation, your name/business will be listed as a sponsor on the SDAG web site (<http://www.sandiegogeologists.org/>) and in the monthly SDAG meeting newsletters. With your \$500 "RUBY" or \$1,000 or more "DIAMOND" level donation, your business card will also be included on the SDAG web site and in the monthly SDAG meeting newsletters. In addition, as a "\$1,000 or more DIAMOND" level donation you will be presented with a thank you plaque. Should you have any questions regarding a Sponsorship, please contact our non-profit SDGS Secretary (Diane Murbach) at 619-865-4333.

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Contact: **Steve Zigan**



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