

SAN DIEGO ASSOCIATION OF GEOLOGISTS

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SDAG MEETING ANNOUNCEMENT

WEDNESDAY, February 27, 2013

WRITING AND REVISING: THE EVOLUTION OF AN OCEANOGRAPHY TEXTBOOK

Presented by

Al Trujillo

Distinguished Teaching Professor of Oceanography
Department of Earth, Space, and Aviation Sciences
Palomar College

- Where:** **The Old Spaghetti Factory**
111 North Twin Oaks Valley Road
San Marcos, CA 92069
(760) 471-0155
- When:** 5:30 pm – Social Hour
6:30 pm – Dinner
7:30 pm – Program
- Dinner:** Choice of Meat Lover's Treat, Mizithra Cheese and Brown Butter, or Chicken Marsala.
- Cost:** \$30 per person, \$5 discount for members, STUDENTS: \$15. Add \$5 if you did not make a reservation.
- Reservations:** Make your reservation online at www.sandiegogeologists.org no later than noon, Monday, February 25th.



**RESERVATIONS CANNOT BE GUARANTEED AFTER MONDAY AT 12 NOON,
BUT THEY ARE ALWAYS PREFERRED OVER WALK-INS**

SPEAKER ABSTRACT

Al Trujillo

Distinguished Teaching Professor of Oceanography
Department of Earth, Space, and Aviation Sciences
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A textbook evolves through different editions as new research, developments, and significant events occur. New educational strategies and design components are also incorporated into various editions to help students use a textbook more effectively as a study aid. The market-leading college-level oceanography textbook, *Essentials of Oceanography* (Trujillo and Thurman, © 2014 Pearson Education) is used to illustrate this process, in which successive editions spanning over 20 years have incorporated cutting-edge research, recent discoveries in oceanography, current events, and updated educational strategies and design components. For example, in the recently-published 11th edition, updated topics in oceanography include the 2010 Gulf of Mexico *Deepwater Horizon* oil-drilling platform blowout and resulting oil spill, the 2011 Tohoku-Oki Earthquake and resulting tsunami in Japan, and how the oceans are being affected by human-caused climate change. To help students use the book more effectively, the 11th edition features the educational strategy of “chunking” information and also includes review questions embedded in each section, word clouds of important vocabulary terms, and revised end-of-chapter content. To help students visualize oceanographic processes in action, the new edition features a wealth of student ancillaries such as an array of geoscience animations, and QR codes that students can scan with their mobile devices to view selected Web videos. In addition, the text features an accompanying online study area where students can test their understanding of oceanographic concepts, principles, and processes.

Other topics of discussion include the qualities of good textbooks, what it’s like to write a textbook, how the Internet has facilitated researching new content for the book, why textbooks cost so much, and the future of eTexts.

SPEAKER BIO

Al Trujillo is a Distinguished Teaching Professor in the Department of Earth, Space, and Aviation Sciences at Palomar College in northern San Diego County. He earned his bachelor’s degree in geology from the University of California at Davis and his master’s degree in geology from Northern Arizona University in Flagstaff, afterwards working for several years in industry as a developmental geologist, hydrogeologist, and computer specialist. Al began teaching oceanography in the Earth Sciences Department at Palomar College in 1990. In 1997, he was awarded Palomar’s Distinguished Faculty Award for Excellence in Teaching and was also awarded Palomar’s Research Award in 2005 for work on his textbooks. He is the lead author of the market-leading college-level oceanography textbook, *Essentials of Oceanography*, which was recently published in its 11th edition. The 10th edition of *Essentials* received a prestigious “Texty” textbook excellence award from the Text and Academic Authors Association. He is also the co-author of *Introductory Oceanography* and is a contributing author for two Earth science textbooks: *Earth* and *Earth Science*. In addition to writing and teaching, Al works as a naturalist and lecturer aboard National Geographic/Lindblad Expedition vessels in Alaska and the Sea of Cortez/Baja California and he recently completed an expedition to Antarctica. He collects sand as a hobby.

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!

THURSDAY, March 28, 2013 (FOURTH Thursday)	Dr. Mario Caputo, SDSU
April 24, 2013 (FOURTH Wednesday)	SDAG Scholarship Recipients



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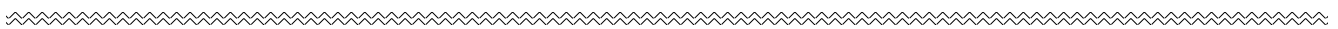
Hello my fellow SDAG-ers!

The year has gotten off to a wonderful start.

January's presentation of *NRC Regulations for Seismic Analysis and Design Applied to San Onofre Nuclear Generating Station* was a well-attended and informative event. The Power Point presentation for this talk is available to anyone interested. Thank you to our speakers Christine Hale and Megan Williams as well as Jorge Meneses and Diane Murbach for helping us put together a great night!

February's presentation promises to be another great one! Al Trujillo from Palomar College will present his lecture titled *Writing and Revising: The Evolution of an Oceanography Textbook*. This exciting event will include an audience participation section, which promises to result in a lively meeting. The meeting will be at a brand new venue: the Old Spaghetti Factory in San Marcos. The restaurant features excellent food in a private room, a full bar, and ample parking! See you there!

Cari Gomes
2013 SDAG President

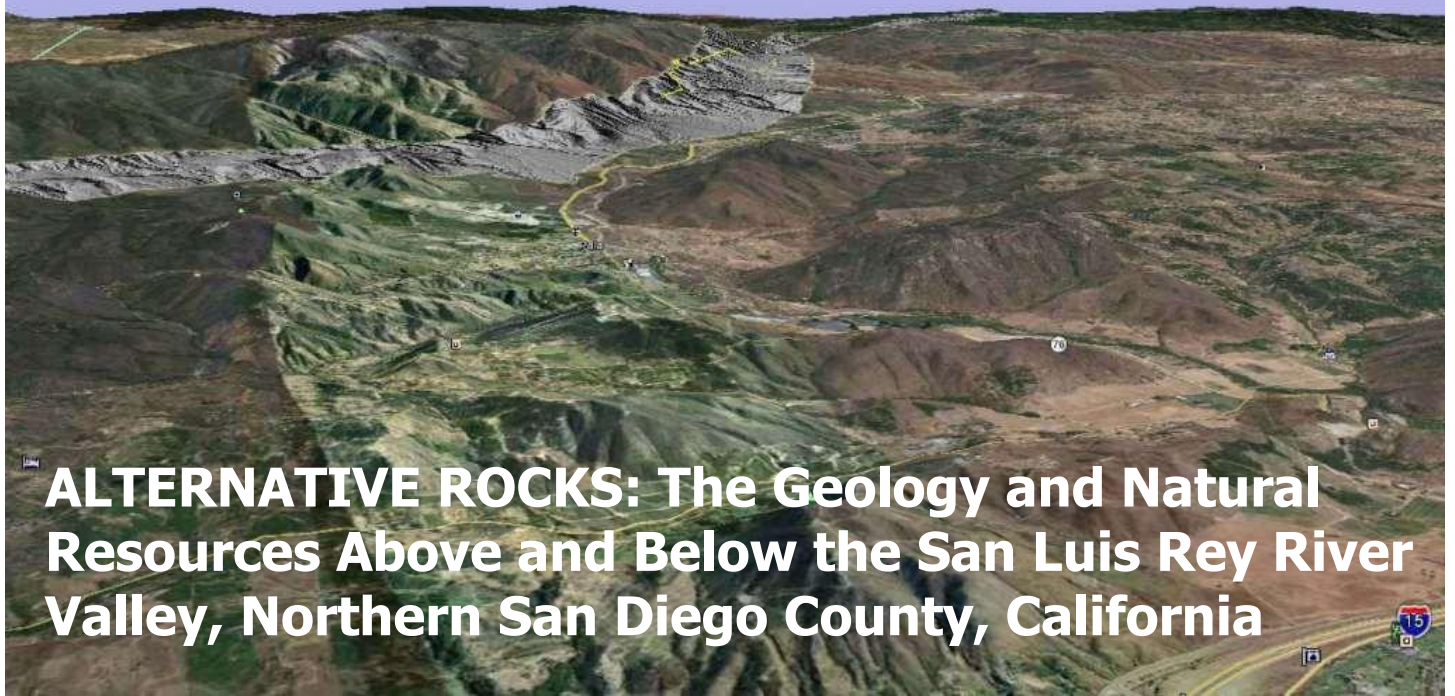




San Diego Association of Geologists *announces*

Call for Papers

FOR THE SDAG 2013 ANNUAL FIELD TRIP GUIDEBOOK



ALTERNATIVE ROCKS: The Geology and Natural Resources Above and Below the San Luis Rey River Valley, Northern San Diego County, California

In this trip, we will explore the multitude of geologic and associated natural processes that have shaped the San Luis Rey river valley of north-central San Diego County. We hope to tour a variety of sites of geologic interest, demonstrating the:

- Mineral wealth, from precious gemstones to concrete aggregate,
- Geomorphic diversity, like landslides, terraces and maybe even a fault trace or two.
- Anything else our knowledgeable SDAG constituency can come up with....

As always, SDAG seeks new manuscripts based on original work in the broad fields of regional geology, sedimentology, soil, tectonics, hydrogeology, paleontology, engineering geology, petrology, geomorphology, paleoclimatology, landslides, and related fields. Given the locale, articles on the rich Native American history of the area are also welcome.

Deadline for submission of abstract: Sunday March 17, 2013 (Saint Patrick's Day).

Please submit the following information when submitting abstract:

- Title,
- Author(s) and affiliation,
- Address, e-mail, and telephone numbers for the corresponding author.

Submit abstract by e-mail to Brian J. Olson: bolson@fsengineering.com (858) 750-9243

ANNOUNCEMENTS

NEW SDAG RESEARCH TOOL NOW AVAILABLE! 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.sandiegoeologists.org/SDAG_Pubs_authors.pdf

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

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JOB OPENINGS

CITY OF SAN DIEGO The City of San Diego is accepting applications for an Associate Engineering Geologist and a Senior Engineering Geologist. Applications must be submitted online. For more information, please visit the City's website:

<http://agency.governmentjobs.com/sandiego/default.cfm>

SEEKING JOB OPPORTUNITIES

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.

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