

CGS Monthly Meeting

Tuesday April 21, 2009

Please Note The New Meeting Location

Climate Change in the Geologic Record

Presented by:

Dr. David Lea

UCSB Department of Geological Sciences

Abstract: This talk will examine the issue of climate change from the geological perspective. Geological archives contain detailed records of climate change that can be used to provide valuable context for understanding present and future changes. In addition, geological records offer the opportunity to calibrate past changes against the known climate forcings that prevailed in the past. This talk will focus on research on ocean sediments from the tropical regions, which, because of the development of new techniques of climate reconstruction and the availability of highly detailed sections, have begun to reveal patterns of climate change unique to the low latitudes.

MEETING INFO: 3RD TUESDAY OF EVERY MONTH (DARK IN JULY & AUGUST)

POINSETTIA PAVILION

3451 Foothill Road Ventura, CA 93003

(See the MAP at the end of this Newsletter for directions.)

Reservation Deadline: 4:00 PM on WEDNESDAY before the meeting.

E-mail Reservations to: secretary@coastgeologicalsociety.org or visit the CGS website

*****Please specify your dinner choice:** Chicken, Tri-Tip Beef, Vegetarian Option, or Pork Tenderloin. All dinners include salad and side dish (please note side dish varies).

Social Happy Hour - 6:00 p.m., Dinner - 7:00 p.m., Speaker – 8:00 p.m.

\$18 – With Reservation, \$25 - Without Reservation, \$ 10 - For Students and K-12 Teachers



Biography: David Lea is Professor of Earth Science and member of the Marine Science Institute at the University of California, Santa Barbara, where he has been a faculty member since 1989. He received his Ph.D. in Oceanography from the Massachusetts Institute of Technology – Woods Hole Oceanographic Institute Joint Program in 1990. His research interests include climate change, global warming, climate evolution during the Ice Ages, marine geochemistry and the carbon cycle. He has published over 80 scholarly papers on these topics, including 16 in the high profile journals *Science* and *Nature*. Professor Lea has been a Visiting Professor at the University of Chicago and University of Cambridge, UK. His awards include the UCSB Academic Senate Distinguished Teaching Award (2001), a John Simon Guggenheim Fellowship (2002-03), a Leverhulme Visiting Professorship, a Clare Hall Visiting Fellowship (both 2002-03, Cambridge, UK), the American Geophysical Union Cesare Emiliani Lectureship (2007), and a Leopold Leadership Fellowship (2009). He chaired UCSB's 2007 *Global Warming-Science and Society* Event Series, which drew over 3000 attendees.

RESERVATIONS: E-mail Secretary@coastgeologicalsociety.org or visit the CGS website by the Wednesday before the meeting at 4 pm. Please include name and menu choice (Chicken, Tri-Tip, Vegetarian Option, or Pork Tenderloin for each person attending. If you don't make a reservation, it's possible there will not be a meal available for you the day of the meeting.

MARK YOUR CALENDAR:

• Upcoming CGS meeting:

May 19, 2009:

Deepwater Clastic Reservoirs: Ventura Basin & Beyond

By Dr. Jon Schwalbach, Geologist, Aera Energy


June 16, 2009:


Engineering Geology of the St. Francis Dam Disaster, LA/Ventura County

By Dr. David Rogers, Professor, Missouri University of Science & Technology

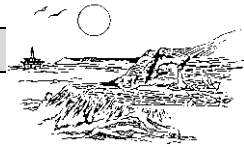
UPCOMING EVENTS:

- The 2009 Pacific Section AAPG Convention will be hosted by the Coast Geological Society May 3 - 7, 2009 at the Ventura Marriott. Tom Hopps will serve as the Convention Chairman and Gene Fritsche will be the Technical Chairman. More Information Coming Soon.
- 6-Day Grand Canyon Rafting Adventure with CLU Geology Professor Bill Bilodeau June 28 through July 4, 2009. Please see attached flyers for details and application.

 Grand Canyon Flyer 2009.doc

 GCAApp_28JUN-04JU L09.doc

- Upcoming Events at the California Oil Museum: See www.oilmuseum.net



CGS MEMBERSHIP: CGS membership is through Pacific Section AAPG.

Be sure to select **Coast Geological Society** as your local affiliated society.

To join CGS, please go to: www.psaapg.org/member.html

CGS OFFICERS DIRECTORY:

President: **Dave Panaro**, Fox Canyon GMA, 805-654-2327, president@coastgeologicalsociety.org

Past Pres: **Bob Ballog**, Hueneme HS 805-498-6294/805-402-1173, pastpresident@coastgeologicalsociety.org

Vice-Pres: **Mike Nelson**, DCOR LLC, 805-535-2058, vicepresident@coastgeologicalsociety.org

Treasurer: **Leni Field**, treasurer@coastgeologicalsociety.org

Secretary: **Stephanie Lapeyre-Montrose**, Stantec, 818-292-7035, secretary@coastgeologicalsociety.org

EMPLOYMENT

1. Principal Consulting opportunity available in San Diego. Please see attached letter for more details.



Acrobat Document

2. JMAR & Associates has a job opening for a Geophysicist. Please see attached flyer for more information.



Acrobat Document

3. DMI-EMK Environmental Services has a job opening for a full-time employee based out of their Ventura office. Please see attached flyer for more information.

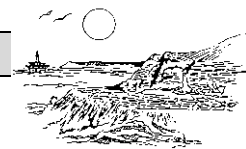


Staff-Project
Position.pdf

NOTICES

1. *No-Cost* Employment Announcements (Help Wanted & Job Wanted) are available on our website! Also, business card ads and employment ads available in the newsletter! Contact secretary@coastgeologicalsociety.org
2. If you forward the email notice to another party, cc: secretary@coastgeologicalsociety.org in the email, we will put your party on the monthly notification list. There is no cost to receive CGS email notifications.
3. Buy your raffle tickets! Money generated goes toward scholarships, field trips, etc., to promote the advancement of Geosciences. Check the CGS supported activities on our website (3 Tickets for \$1).
4. Always needed: **Sponsors for our meetings!** Sponsors get a beautiful colored banner hung at the meeting, and the opportunity to distribute their literature and introduce their businesses, as well as the satisfaction of having supported a great organization! Sponsorships are \$300 per meeting and may be shared between two individual sources. Contact vicepresident@coastgeologicalsociety.org for info.

MEETING PLACE: MAP AND DRIVING DIRECTIONS



Meetings are held at the Poinsettia Pavilion, 3451 Foothill Road, Ventura, CA 93003.

The website for the Poinsettia Pavilion is: www.poinsettiapavilion.com.

The location is off Hwy 101 at the South Seaward Exit, which turns into Foothill Road. Please see the map below for a more detailed view and directions.

