

NORTHERN CALIFORNIA GEOLOGICAL SOCIETY



NCGS DINNER IN COMMEMORATION OF 140th ANNIVERSARY OF THE 1868 HAYWARD EARTHQUAKE

Past and Future Earthquakes in the San Francisco Bay Area

Wednesday May 28, 2008

Speaker: **Dr. David Schwartz**, U.S. Geological Survey, Menlo Park

6:00 pm at Orinda Masonic Center

(Reservations are required by May 24, 2008)

We are sorry but we will not be able to accommodate "walk-ins"

Stepping out of our normal routine, the Northern California Geological Society is pleased to announce this special dinner and evening with **Dr. David Schwartz**. Come listen to Dr. Schwartz on the history of earthquakes in the San Francisco Bay Area and what are the chances in the next 30 years. For this special event, planned for our normal monthly meeting date, but starting one-half hour early, we are planning in typical NCGS style, a Back Forty Texas BBQ dinner consisting of **Pork Ribs and BBQ Chicken, Tossed Green Salad, BBQ Beans, Fresh Corn Cobettes**. For vegetarian dinners deluxe veggie burger will be served in place of BBQ. Desert will include assorted cookies and brownies. We may be again serving wines from **Rosenblum Cellars of Alameda**. Please also note that a vegetarian option is available if notified ahead (see attached form).

Abstract: *The History of Earthquakes in the San Francisco Bay Area*

Dr. Schwartz will describe the timing of prehistoric earthquakes in the San Francisco Bay Area for the past 2000 years, showing that at some times earthquakes appeared to occur closely together in time. Dr. Schwartz will discuss the chances for future earthquakes in the Bay Area during the next 30 years.

Biography: A leading earthquake geologist at the U.S. Geological Survey, Dr. David Schwartz is credited with having pushed forward the newly developing fields of earthquake geology and paleoseismology (the study of prehistorical seismic events). One of his major contributions is the characteristic earthquake recurrence model, which has become a cornerstone of many seismic hazard analyses.

Dr. Schwartz formerly headed the San Francisco Bay Area Earthquake Hazard Project and he co-chaired the Working Group on California Earthquake Probabilities that issued the 2003 Bay Area 30-year earthquake forecast. In addition, Dr. Schwartz served as the regional Coordinator for the USGS Northern California Earthquake Hazard Program. Dr. Schwartz traveled extensively outside the U.S. looking at the ground cracking produced by large earthquakes around the world. He has described the Hayward Fault as a tectonic time bomb.

***** **Dinner Logistics** *****

Meeting Details: Social Hour: 6:00 – 7:00 pm; Dinner: 7:00 – 8:00 pm Presentation: 8:00 – open
Time: May 28, 2008, 6:00 pm, Orinda Masonic Center 9 Altarinda Road, Orinda, CA. Cost: **\$20/person**

***** **REGISTRATION FORM (Dr. David Schwartz Dinner)** *****

Name: _____ E-mail: _____
Address: _____ Phone (day): _____ Phone (evening): _____
Dinner: Regular: _____ Vegetarian: _____ (Please check one) Check Amount: _____

Please mail a check made out to NCGS to: **Tridib Guha, 5016 Gloucester Lane, Martinez, CA 94553**

Questions: e-mail: tridibguha@sbcglobal.net Phone: (925) 370-0685 (evening) (925) 363-1999 (day)