

# NORTHERN CALIFORNIA GEOLOGICAL SOCIETY



## NCGS FIELD TRIP IN COMMOMERATION OF 1868 HAYWARD EARTHQUAKE

### FIELD TRIP TO THE CALAVERAS FAULT IN SANTA CLARA COUNTY, CALIFORNIA Saturday August 23, 2008

#### Leaders:

**Dr. Philip Stoffer, U.S. Geological Survey, Menlo Park**  
**Dr. Richard Sedlock, San Jose State University, San Jose**

This field trip is to examine the geology and landscape features of the central Calaveras Fault along the western flank of the Diablo Range in Santa Clara County. The field trip will include stops in the morning at Coyote Lake-Harvey Bear Ranch County Park (near Gilroy) and in the afternoon at Anderson County Park (near Morgan Hill). Features at Coyote Lake include rift zone geomorphic features associated with the active trace of Calaveras Fault, and a variety of rock types including Late Miocene volcanic rocks (some containing mantle-derived crystals), serpentinite, Mesozoic-age conglomerate, and other sedimentary rocks and landslide deposits. The trip to Anderson Reservoir Park will provide access to more views of the central Calaveras Fault, plus other faults, Franciscan rocks, serpentinite and calci-silicate mineralization. Both parks have high earthen dams constructed on Coyote Creek. The two parks also offer spectacular scenery and the opportunity to observe a variety of wildlife. Be prepared to do moderate hikes totaling several miles over the course of the day. Reservations for camping can be made on a first come, first serve basis at the Coyote Lake Campground (in the park) through [www.parkhere.org](http://www.parkhere.org).

**THIS FIELD TRIP WILL BE LIMITED TO 30 PEOPLE.**

\*\*\*\*\* **Field Trip Logistics** \*\*\*\*\*

**Time & Departure:** August 23, 2008, 8:30 am (sharp), at entrance to the Coyote Lake-Harvey Bear Ranch County Park.

**Cost:** \$25/person (includes guidebook, lunch, refreshments, soft drinks)

**We strongly suggest car pooling. We will send attendees list to each participant**

\*\*\*\*\***REGISTRATION FORM (Calaveras Fault Field Trip)**\*\*\*\*\*

Name: \_\_\_\_\_ E-mail: \_\_\_\_\_

Address: \_\_\_\_\_ Phone (day): \_\_\_\_\_ Phone (evening): \_\_\_\_\_

Lunch: 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](mailto:tridibguha@sbcglobal.net) Phone: (925) 370-0685 (evening ) (925) 363-1999 (day)