

NORTHERN CALIFORNIA GEOLOGICAL SOCIETY



A TEACHER' WORKSHOP - NCGS FIELD TRIP FOR THE NATIONAL EARTH SCIENCE WEEK - Saturday October 16, 2010

“A WALK ALONG THE OLD BAY MARGIN IN DOWNTOWN SAN FRANCISCO – TRACING THE EVENTS OF THE 1906 EARTHQUAKE & FIRE”

Leader: Dr. Raymond Sullivan, Professor Emeritus, SFSU

This walk through downtown San Francisco is part of the Northern California Geological Society program for the national Earth Science week. The field trip is of particular relevance to teachers who are interested in including a lesson on earthquakes in their classes. We will spend the day reliving the events that occurred on the first day of the April 18, 1906 earthquake and fire. We will visit the parts of the City that were built on the filled ground along the old bay margins and discuss the scene on that fateful day. We will explore the lessons learned from building on poorly engineered ground within a major metropolitan center in a seismically active area.

The walk will begin at Sixth Street and the subsidence area in the South of Market. This part of the City was “ground zero” at dawn on that fateful day since this was the area of greatest damage, and many of the fires originated here. The walk follows the path of the fire as it moves onto Market Street. Stops will be made at some of the pre-1906 buildings along Market, as well as Lotta’s Fountain, and the old shoreline marker of Yerba Buena Cove at Mechanics Monument. The walk continues along Montgomery Street following the path of the fire as it spread later that day into the Financial District. A lunch is planned in a restaurant in Chinatown. After lunch, we will visit the site of the first house built in San Francisco hidden away on Grant Avenue, and ending in Jackson Square to view one of the few areas of the downtown district that survived the catastrophe.

A field trip guide will be provided, and the day will conclude with a discussion on the ways that earthquakes could be used to enrich the class lessons.

Dr Raymond Sullivan, emeritus professor of Geology at San Francisco State University, will lead the field trip. Dr Sullivan was for several years Director of the National Science Foundation funded teacher's institute at San Francisco State University. He has written several papers on the teaching earthquakes in the classroom, and on earthquake hazards in the Bay area. He led this walk as part of the program for the centennial meeting on the 1906 earthquake.

THIS FIELD TRIP WILL BE LIMITED TO 30 PEOPLE.

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

Time & Departure: October 16, 2010, 9:00 am (sharp), outside Civic Center BART station at Market & Hyde Street.: adjourn at Jackson Square (Washington and Columbus) around 4:00 pm

Cost: Free including a Chinese lunch at Chinatown

(Please send a check for \$30/person which will be returned after the field trip; no refund for no show)

*******REGISTRATION FORM (San Francisco Walk Field Trip)*******

Name: _____ E-mail: _____

Address: _____ Phone : _____ Cell (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 Phone: (925) 370-0685 (evening) (925) 451-1999 (day)