



ASSOCIATION OF ENVIRONMENTAL AND ENGINEERING GEOLOGISTS
San Francisco Section

Announcing the January 2010 San Francisco Section

AEG Meeting

Yosemite Valley: Rock-Fall History and Mitigations

Yosemite National Park Geologist, Greg Stock

MEETING DETAILS

Restaurant:

Sinbad's
Pier 2 Embarcadero Street
San Francisco, CA

Date and Time:

Tuesday, January 12th, 2010
6:00 pm—Social Hour and Sign-in
7:00 pm—Dinner
8:00 pm—Presentation

Cost*: \$40 Members; \$50 Non-Members, \$20 for Students (*Updated 2010 Meeting Fee's)

Meal Choice*: 1) Salmon Florentine 2) London Broil 3) Chicken Picatta 4) Shrimp Louis
5) Vegetarian (*Meal Choice Required with Reservation)

Reservations*: To RSVP, fax or e-mail Sachiko Tanikawa by **12 PM, Friday, January 8th**.
(fax # 866-400-4068, email: treasurer@aegsf.org) with the following information:

(1) Name (2) Meal Choice (3) Phone number/e-mail

RSVP early! We will accept RSVPs until we reach the capacity of the room and we expect to fill up fast!

Driving Directions: From the Bay Bridge, take the Fremont Street Exit and the Folsom Street Ramp. Go left (east) on Folsom Street, then left (north) onto the Embarcadero (Herb Caen Way). The driveway for Sinbad's is on the right, south of the historic Ferry Building. Please watch out for the pedestrians and cyclists when turning into the driveway. Thank you.

BART Directions: Exit the Embarcadero Station; walk up Market Street toward the Ferry Building (less than ½ a mile toward the Bay and to the east). Cross Embarcadero and Sinbad's is located next to the Alameda ferry pier on the south side the historic Ferry Building.

Parking: \$4 valet parking is available or you can park at a meter somewhere on a side street off the Embarcadero.

*To assist us with reservations and to help the restaurant with the set-up, *you must RSVP in advance*. Due to the popularity of this meeting, walk-ins will not be accommodated. RSVP's received later than Jan. 8th, cannot be guaranteed. No shows and late cancellations will be charged.

See next page for abstract and speaker biography.

Yosemite Valley: Rock-Fall History and Mitigations

Greg Stock, Yosemite National Park Geologist

ABSTRACT

Yosemite Valley has more documented rock falls than any other comparable-sized area. These events represent an important geomorphic process, but they also represent significant hazards to park visitors and employees. New tools such as LiDAR, high resolution photography, seismic monitoring, rock-fall susceptibility mapping, rock-fall runout simulations, and cosmogenic dating have recently been implemented as part of Yosemite National Park's rock fall research program. This talk will briefly summarize the rock-fall history of Yosemite Valley and describe how these new tools are being used to improve our understanding and mitigation of rock-fall hazards.

SPEAKER BIOGRAPHY

Greg Stock is the first-ever Park Geologist at Yosemite National Park. He has B.S. (Humboldt State University) and Ph.D. (U.C. Santa Cruz) degrees in geology and earth science, and was a researcher at the University of Michigan prior to accepting the job at Yosemite in 2006. Greg's research interests are primarily in geomorphology, and include glacial erosion, river dynamics, and hillslope processes such as rock falls and debris flows.

Thank you for the RSVP! See you on **Tuesday, January 12, 2010.**