



ASSOCIATION OF ENVIRONMENTAL AND ENGINEERING GEOLOGISTS  
*San Francisco Section*

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Announcing the August 2008 San Francisco Section Meeting

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**HIGHWALLS TO HIGHWAYS**

Dorian E. Kuper, M-OR  
President of AEG

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**MEETING DETAILS**

**Restaurant:**

Sinbad's  
Pier 2 Embarcadero Street  
San Francisco, CA

**Date and Time:**

Tuesday, August 12, 2008  
6:00 pm—Social Hour and Sign-in  
7:00 pm—Dinner  
8:00 pm—Presentation

**Cost:** \$35 AEG members, \$40 non-members, \$15 Students

**Meal Choice:** Chicken, Beef, Fish, and Vegetarian – you do not need to send in your meal choice.

**Reservations:** To RSVP, fax or e-mail Sachiko Tanikawa by **12 PM, Friday, August 8<sup>th</sup>**.  
(fax # 866-400-4068, email: [treasurer@aegsf.org](mailto:treasurer@aegsf.org)) with the following information:

(1) Name (2) Phone number/e-mail

**Driving Directions:** From the Bay Bridge, take the Fremont Street Exit and then Folsom Street Ramp. Go left on Folsom Street, then left onto the Embarcadero (Herb Caen Way). Sinbad's is on the right.

**BART Directions:** Exit the Embarcadero Station; walk up Market Street toward the Ferry Building (less than ½ a mile). Cross Embarcadero, Sinbad's is to the right of the historic Ferry Building.

**Parking:** \$3 valet parking is available or you can park at a meter somewhere on a side street off the Embarcadero.

Please make reservations by noon FRIDAY, AUGUST 8<sup>th</sup>; availability cannot be guaranteed after Friday.

**\*\*Walk-ins are not guaranteed!\*\***

For financial reasons no-shows and last minute cancellations will be charged.

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See next page for abstract and speaker biography.

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### ABSTRACT

Aggregate mining sites are about as popular as landfills and prisons – no one wants them and yet society needs them. Aggregate mining provides the necessary building blocks for our roads, bridges, buildings and homes. Engineering and environmental geology plays an important role in evaluating and permitting mining sites, as well as reclaiming the sites into secondary beneficial uses.

The technical evaluation of a mine site involves field and laboratory work, the analysis of impacts to the environment such as wetlands, wildlife, surface and groundwater as well as quantifying the quality and quantity of the aggregate resource. The political side is as important as the technical side. Understanding neighbors concerns as they relate to mining – noise, dust, truck traffic and how a site will be mined and reclaimed are huge issues.

This talk will present examples of how an engineering geologist evaluates a future mine site. It will detail the field aspects, the proposed mine plan as well as how a site may be reclaimed with case histories. And it will show how AEG members play a critical role in the political aspects of permitting mine sites by working with local decision makers and legislators. Advocacy of our profession is a huge goal of AEG and I hope to demonstrate how AEG can further promote our profession with the public by presenting case histories.

### SPEAKER BIOGRAPHY

Dorian Kuper has BA degrees in Geology and Environmental Studies from University of California Santa Barbara and a MS degree in Geology from San Diego State University. She has 26 years of experience in Engineering Geology in Southern California, Oregon and Washington. She is currently the President of Kuper Consulting in Oregon, focusing on engineering geology, permitting and mine plan reclamation for aggregate sites. She has Professional Registrations in California, Oregon and Washington as an Engineering Geologist.

AEG Professional activities include: Currently the President of AEG, Legislative Liaison for Oregon AEG, Co-chaired Programs Director for Oregon AEG, co-authored and organized national and local AEG field trips, member since the early 1980's. Past President of the National Association of State Boards of Geology (ASBOG - 2003), Chair of the Oregon State Board of Geologists (1998, 1999), and President of the San Diego Association of Geologists (1983), member of GSA, ASSMR and IAEG.