



Association of Environmental & Engineering Geologists San Francisco Section

ANNOUNCING THE AEG SAN FRANCISCO SECTION
MARCH 2012 MEETING

SAN FRANCISCO PUBLIC UTILITIES COMMISSION HETCH HETCHY WATER SYSTEM IMPROVEMENT PROGRAM: NEW IRVINGTON TUNNEL – GROUND CONDITIONS

Scott Ball & Rebecca Fusee, Hatch Mott MacDonald

MEETING DETAILS

Restaurant

Sinbad's
Pier 2 Embarcadero Street
San Francisco, CA

[Map](#)

Date and Time

Tuesday, March 13th, 2012
6:00 pm—Social Hour and Sign-in
7:00 pm—Dinner
8:00 pm—Presentation

Cost: \$45 Members & Members' spouses; \$50 Non-Members, \$20 for Students

Menu

- | | |
|---------------------|--------------------|
| 🍷 Salmon Florentine | 🍷 Chicken Picatta |
| 🍷 Snapper | 🍷 Shrimp Louis |
| 🍷 London Broil | 🍷 Vegetarian Pasta |

Reservations*: To RSVP, please fill out the online form at <http://goo.gl/dJY83> (**NEW!!**) by **12 PM, Friday, March 9th**

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 there are meters located on nearby side streets.

*Please RSVP in advance. Walk-ins are welcome, but not guaranteed. No shows will be charged.

See next page for abstract and speaker biographies.

**San Francisco Public Utilities Commission
Hetch Hetchy Water System Improvement Program:
New Irvington Tunnel – Ground Conditions**

Scott Ball & Rebecca Fusee, Hatch Mott MacDonald

Speaker Biographies

Scott Ball is an Engineering Geologist with Hatch Mott MacDonald, an engineering, design and construction management firm in Pleasanton, CA. As many geologists do, Mr. Ball has a broad range of professional experience including infrastructure investigation, design and construction management, geotechnical, mining and exploration, and environmental. He currently is a lead Engineering Geologist for the SFPUC on the New Irvington Tunnel project.

Rebecca Fusee, PG, CEG, is an Engineering Geologist with Hatch Mott MacDonald in Pleasanton, CA specializing in engineering geology and hydrogeology. A few examples of her background include characterizing geologic and hydrogeologic conditions; evaluating active faults, landslides, and other geologic hazards; and assessing seismic hazards on projects such as design and construction of tunnels and shafts, bridges, commercial building sites, pipelines, landslides, and tanks. She is currently an Engineering Geologist/Tunnel Inspector on the New Irvington Tunnel project for the SFPUC.

Abstract

The New Irvington Tunnel is a part of the San Francisco Public Utilities Commission Hetch Hetchy Water System Improvement Program. The project will provide potable water to the Bay Division pipelines in Fremont. It is a 3.6 mile long tunnel that extends from Sunol Valley on the east to Fremont on the west near the I-680 corridor. The new tunnel will replace the existing Irvington Tunnel that was built over 80 years ago. This presentation looks at the anticipated and encountered ground conditions and how they impact construction.

Thank you for the RSVP! See you on **Tuesday, March 13th, 2012**