



Association of Environmental & Engineering Geologists

San Francisco Bay Area Chapter

ANNOUNCING OUR NOVEMBER 2017 MEETING:



Rock Scour, Lady Gaga, and Drones...A Recipe for Success?!?

By: **Mike George PhD, PE**
BGC Engineering, Inc.
Golden, CO.

MEETING DETAILS

Date and Time

Tuesday, November 14, 2017
6:00 pm—Social Hour and Sign-in
6:45 pm—Dinner
7:45 pm—Presentation

Restaurant

Howden (Spice Monkey)
1628 Webster Street
Oakland, CA
[Map](#)

Cost: \$45 Members & Members spouses, \$55 Non-Members, \$20 Students

Menu: No advance menu choice requirement

Reservations: To RSVP, please fill out the [online form](#) by **12 PM, Monday, November 13.**

Driving Directions: Print turn-by-turn directions through [Google Maps](#)

Parking: Street parking in Oakland is free after 6pm. A small parking lot is available alongside the restaurant.

Transit Options: Just 2 blocks from the 19th street Oakland BART station. At 19th Street BART Station use the 18th Street exit, walk south on Broadway to 17th Street, turn left on 17th Street and walk two blocks to Webster Street. The restaurant is on the corner of 17th Street and Webster.

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

See next page for abstract and speaker biography.



Dr. George is a Senior Engineer for BGC Engineering, Inc. out of Golden, CO. He holds B.S. degree in Geological Engineering from the Colorado School of Mines as well as a M.S./Ph.D. in Civil Engineering from the University of California – Berkeley. Dr. George has worked as a consulting engineer and researcher in the United States and abroad specializing in rock mass erodibility for dams and spillways and has authored several papers on the subject. He is currently a registered Profession Engineer in the State of Colorado.

Abstract - Scour of rock poses a critical challenge to operation and management of key infrastructure such as dam and spillways. This has most recently been made evident by the recent flood events at the Oroville spillways. Key to reliable operation of these facilities is proper understanding and quantification of the scouring process. This has been limited, in part, by a lack of high resolution field data to support idealized studies from which existing prediction methodologies are developed. This talk provides an overview of the rock scour process, a discussion of relevant cases studies as well as presentation of recent research to facilitate more detailed, site specific rock scour assessment.

Thank you for the RSVP! See you on **Tuesday, November 14, 2017!**