

COASTSIDE SEA RISE & EROSION FORUM

May 24, 2016

Agenda

1.) 6:30pm—Opening remarks by **Sabrina Brennan**, SMC Harbor Commissioner

- Event host: Barbara Riching, Small Business Owner, Douglas Beach House
- Sponsors: Surfrider, Sierra Club and Committee for Green Foothills
- Volunteers: Pacifica Beach Coalition
- ✓ We are here to learn from our guest speakers.
- ✓ Please be sensitive and respectful. Erosion and Sea Level Rise are serious concerns that impact our neighborhoods, our families, our homes, beach access, the Coastal Trail, and Highway 1. We're all in this together!
- ✓ We will take questions after our guest speakers complete all presentations.
- ✓ If you have a question please write it on an index card and turn it in.
- ✓ The County, Midcoast Community Council, and the Harbor District will have additional meetings on related topics in the future.

2.) 6:40pm—Remarks by **Don Horsley**, San Mateo County Supervisor

3.) 6:50pm—**Edmundo Larenas**, Chair, Surfrider Foundation SMC and Director, Committee for Green Foothills will introduce guest speakers:

- **Dan Hoover**, Oceanographer with the U.S. Geological Survey Pacific Coastal and Marine Science Center in Santa Cruz
- **James Zoulas**, Coastal engineer at the San Francisco District of the U.S. Army Corps of Engineers
- **Bob Battalio**, Vice President, chief engineer, and leader of ESA's Environmental Hydrology Coastal Zone Engineering & Management team.

**See back of this agenda for speaker bios.*

4.) 8:40pm—Question & Answer **please write question on index card.*

- ✓ The Midcoast Community Council (MCC) will post presentations on their website (midcoastcommunitycouncil.org).
- ✓ A video of the forum will be published on the Pacific Coast TV YouTube channel, a link to the video will be published on the MCC website.
- ✓ The County, Midcoast Council and the Harbor District will have additional meetings on related topics in the future.

5.) 9:00pm—Forum adjourned—Thank you!

Dan Hoover, PhD

Dan is an Oceanographer with the U.S. Geological Survey Pacific Coastal and Marine Science Center in Santa Cruz, studying coastline evolution and managing beach and near-shore bathymetry survey programs at several sites in California, including Santa Barbara, northern Monterey Bay, and at Ocean Beach, San Francisco. Dan holds a PhD and MS in Oceanography from University of Hawaii, and a BS and ME in Engineering from Harvey Mudd College. Dan has worked on a wide variety of biological, geochemical, physical and geological oceanographic research projects at coastal sites in Hawaii, across the Pacific, and along the California coast. Prior to returning to graduate school to study oceanography, he worked as an engineer on the Space Station and Space Shuttle programs.

James G. Zoulas, PhD, E.I.T.

James is a coastal engineer at the San Francisco District of the U.S. Army Corps of Engineers, where he has been involved in developing solutions to coastal erosion and navigation problems in the San Francisco region. James received a B.A. in Geography at UC Berkeley, and then received his training in coastal geomorphology at UCLA, where his Ph.D. dissertation addressed long-term beach changes in Orange County, CA. James was the primary author of the Coastal Regional Sediment Management Plan for the Santa Cruz littoral cell, which includes San Mateo County from Pillar Point southward. James served as the primary coastal engineer on the North Half Moon Bay Shoreline Improvement Project, where he collaborated with a team from the USACE Engineer Research and Development Center to model the effectiveness of several erosion mitigation measures. James also conducted an evaluation of bluff erosion in the project area in order to better understand the influence of the east breakwater on bluff retreat.

Robert Battalio, PE

Bob is vice president, chief engineer, and leader of ESA's Environmental Hydrology Coastal Zone Engineering & Management team. He has dedicated his career of over 25 years to coastal and estuarine engineering, wetland and creek restoration design, and waterfront civil engineering projects throughout the U.S. He has addressed erosion and flooding hazards on the West Coast, including shoreline mapping, sand budgets, wave and run-up studies, design of hard and soft erosion protection, and design of shoreline retreat and realignment. He was integral to pioneering projects such as the San Francisco Bay Conservation & Development Commission's 1990 San Francisco Bay sea level rise study; effects of coastal sand mining in southern Monterey Bay; FEMA's 2005 Pacific Coast Flood Hazard Mapping Guidelines; and coastal erosion response to sea level rise for Pacific Institute and the California Ocean Protection Council in 2009. Bob holds a Masters of Engineering in civil/coastal engineering from UC Berkeley. He is a member of the San Francisco Bay Conservation & Development Commission's Engineering Criteria Review Board; Northern California vice president of the California Shore and Beach Preservation Association; member of The Surfrider Foundation; and former president of the California Marine Parks and Harbors Association.