
Estuary Ecology Day

November 6, 2010

8:30 am to 5:00 pm

Building 36, Romberg Tiburon Center

Directions

Take Highway 101 to the Tiburon/East Blithedale exit. Go East on Tiburon Boulevard and continue on this road to Trestle Glen Boulevard (1.9 miles). Turn LEFT on Trestle Glen Boulevard and follow it to its end (0.6 miles), where it meets Paradise Drive. Turn RIGHT on Paradise Drive and follow it 3 miles to the SECOND entrance to the Romberg Tiburon Center, which will be on your left through a large gate (3150 Paradise Drive). Follow the driveway down the hill. Turn RIGHT at the waterfront. Building 36 is the furthest building on the right – it is a large white metal barn-like building. Enter through the front double doors. If you get lost, call Sarah at 415-407-4869.

Agenda

8:30 – 9:00 Registration and Salinity Sample Testing
Light breakfast and coffee provided

Introductions to Romberg Tiburon Center, National Estuarine Research Reserve, and Online monitoring data

Scientist Speaker: Dr. Toby Garfield, Director, Romberg Tiburon Center
Topic includes: Water-quality monitoring and research in San Francisco Bay

Scientist Speaker: Brian Cheng, PhD Candidate, UC Davis
Topic includes: Native oysters and climate change in California estuaries

Brief tour of pier and other possible sites for independent investigations

12:00– 1:00 Lunch – organic and sustainable

Scientist Speaker: Gavin Archbald, Graduate Student, Romberg Tiburon Center, SF State University
Topic includes: Salinity and inundation tolerance of invasive marsh plant

Independent Investigations: In teams, teachers will design, conduct, and share results of a mini water-quality “research” project that uses water-quality monitoring instruments and/or online data

4:30- 5:00 Wrap-up and Evaluation