



PLEASE POST!

The Center for Ocean Sciences Education Excellence-West invites you, your colleagues and students, family and friends to learn more about Giant Kelp! Admission is FREE.

**COSEE-West and California State University, Long Beach**  
**Science Education Department**  
*Present*

**Natural History and Conservation of Kelp Forests**

**by Dr. Matt Edwards**

San Diego State University

**on Wednesday March 7, 2012**

6:30 - 7:30 pm: Public lecture and Q&A

7:30 - 8:30pm: Educators' Session

**at California State University, Long Beach**

Room PH2-110, 1250 Bellflower Blvd, Long Beach, CA 90840

Dr. Edwards is interested in the causes and consequences of variability in biological communities. His research focuses on patterns of variation in giant kelp (*Macrocystis pyrifera*) forests throughout the species' geographic range in the Northeast Pacific Ocean. As part of his research program, he has been examining the relative importance of numerous physical and biological factors in the structuring of kelp forest communities, as well as how these factors modify interactions among co-occurring species, with particular emphasis on large-scale phenomena (such as El Niño Southern Oscillations and global climate change).

Dr Edwards received his PhD from the University of California, Santa Cruz. He has written several publications on kelp forest ecology. He has a strong commitment to teaching and recognizes the important role that educators play in presenting the topic and generating enthusiasm in their students. He teaches both graduate and undergraduate students and has extensive experience guiding students in the field as well as on campus.



**Directions & parking:** Take the 405 fwy, exit at Palo Verde Ave and head south (from the north, turn right onto Palo Verde; from the south, turn left) Pass Stearns Ave & Atherton St; Palo Verde ends at a gated community. Turn right onto State Drive East. Details on the location of the talk and parking instructions will be sent after you register.

For map and directions, visit <http://www.csulb.edu/maps/>

**Educator stipends** and a light supper\* is available to all educators who register in advance. K-12 teachers may get documentation for Professional Development hours.

**Educators: Pre-register for the educators' session by March 2 to receive content materials and to be included in the head count for a light supper** by e-mail to [cosee.west@gmail.com](mailto:cosee.west@gmail.com) or call the UCLA COSEE-West office at **310-206-8247**

**\*generously provided by a grant from Boeing to USC for COSEE-West**

For information about the COSEE-West program, visit <http://www.usc.edu/org/cosee-west/>