



PLEASE POST!

COSEE-West
presents a free workshop and lecture

Saturday, December 5, 2009

TIME: 8:00 A.M. - 3:30 P.M.

at Ocean Institute in Dana Point

24200 Dana Point Harbor Dr. Dana Point, CA 92629

featuring

- * hands-on, inquiry based, integrative classroom activities correlated with California Content Standards
- * a lecture on human impacts on the rocky intertidal

"Urban Ecology: A Southern California Coastal Perspective"

by Dr. Jayson Smith, California State University, Fullerton

Jay Smith received his B.S. in Biology from University of California, Los Angeles (UCLA) and M.S. in Biology from California State University, Fullerton (CSUF). He conducted his PhD graduate research under the direction of Dr. Peggy Fong and Dr. Richard Ambrose at UCLA.

Jay focused his Masters research on human induced threats to the rocky intertidal zone, specifically looking at how mussel beds were being affected by trampling in highly populated coastal areas of southern California. He has continued this research by investigating the degree of change in this habitat by comparing current conditions to historic ones over the last few decades. In particular, he has found that there have been shifts in the species composition of both seaweeds and invertebrate populations in the rocky intertidal zone. With funding from the City of Newport Beach, Jay's current research is focused on restoring natural rockweed habitat at sites where rockweeds were once very common and have since declined.

Jay is currently a post-doc/lecturer at CSUF where he teaches, mentors students (graduate and undergraduate), and conducts research. Current research is in collaboration with Dr. Steven Murray and several graduate students investigating ecological questions in rocky intertidal ecosystems. Research interests include determining impacts from man made disturbances of marine ecosystems with aspirations for having these studies utilized in policies set forth to protect native marine populations. His past, current, and future work revolve around understanding the consequences of an ocean impacted by humans that includes human visitation and overexploitation, climate change, and introduction of non-native species. His interests include aquatic invasive species, marine protected areas, ecological restoration and long-term change of urban coasts, and coastal water quality.



PLEASE BRING YOUR OWN LUNCH

There is no charge for this workshop.

Professional Development hours may be documented.

Space is limited! To register, contact the UCLA COSEE-West office:

email: cosee.west@gmail.com

tel: 310-206-8247

For directions to the Ocean Institute, visit

<http://www.ocean-institute.org/programs/directions.html>

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