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COSEE-West and Santa Monica Pier Aquarium present a FREE educator workshop

Marine Protected Areas: Where do the fish come from?

by Dr. Jennifer Caselle

Marine Science Institute, University of California Santa Barbara

on Wednesday, May 9, 2012

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

7:30-8:30 pm: Educator's session

at Santa Monica Pier Aquarium

1600 Ocean Front Walk, Santa Monica, CA 90401

What is the difference between a marine protected area (MPA) and a marine reserve? Did you know that Southern California has both? By protecting an entire ecosystem in no-fishing zones or limited fishing zones, these areas allow all the animals within that area to repopulate, but fish move freely in and out so how do we know where they are coming from and whether these areas are really working to protect them? Dr. Caselle will present her cutting edge research and new data from a 10 year monitoring program that will help us understand the implications of MPA's and how they will help repopulate the fish stocks that have been so severely depleted.

Dr. Jennifer Caselle is a Research Biologist at the Marine Science Institute, University of California Santa Barbara. She is also the Science Coordinator for PISCO (Partnership for Interdisciplinary Studies of Coastal Oceans; www.piscoweb.org). Dr. Caselle's research is broadly focused on marine conservation and reef ecology. She currently studies movement patterns of fishes and has designed and managed a large-scale field-based monitoring program of kelp forests in the California current ecosystem with goals of assessing long-term changes due to climate and anthropogenic impacts. This program has become the basis of Marine Protected Area monitoring throughout California and the west Coast of the United States.

Map & Driving Directions visit:

<http://www.healthebay.org/santa-monica-pier-aquarium/plan-your-visit>

Please register by May 2nd to receive an educator stipend and light supper* by contacting cosee.west@gmail.com or 310-206-8247

Provide your full name, grade level(s) you teach, your email and phone number

*generously provided by a grant from Boeing to USC for COSEE-West
K-12 teachers may get documentation for Professional Development hours

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