

Aquarium Lecture Series

M A R C H 2 0 0 9



Tuesday - March 10



Brave New Ocean Dr. Jeremy Jackson

For thousands of years the ocean seemed to be an inexhaustible resource,— large, deep, and mysterious, and

teeming with life. Today Dr. Jeremy Jackson foresees a bleak future for the ocean unless the damage done can be undone—something that will require large scale changes. Are the problems so over-whelming that we need to write off coral reefs and all of the marine life that will be affected? What does Dr. Jackson consider the greatest challenge to humanity today? What are the challenges to bringing the threats to the ocean under control? What can we do to effect change?

Dr. Jackson is the William E. and Mary B. Ritter professor of oceanography at the Scripps Institution of Oceanography in La Jolla, California, and senior scientist emeritus at the Smithsonian Tropical Research Institute in the Republic of Panama.

Monday - March 23

Roaring Oceans and Singing Icebergs: Taking Earth's Pulse and Temperature Using Seismology



Dr. Richard Aster

Find out about potential linkages between seismology, climate, oceanography, and glaciology at this lecture by Dr. Richard Aster, professor of geophysics and chair of

the Department of Earth and Environmental Science at the New Mexico Institute of Mining and Technology.

Buried in the background of continuous seismic recordings designed to detect earthquakes are clues about the Earth's climate. From over 35 years of high-quality worldwide seismic recordings, Dr. Aster and his colleagues have been able to reconstruct a unique record reflecting past patterns of ocean-storm intensity. Their work includes evidence that suggests that violent ocean storms have been increasing in frequency of occurrence during the past three decades.



Top 10 Ocean Issues Guest Speakers

TIME:.....7:00 p.m.

LOCATION:Aquarium of the Pacific, Honda Theater
100 Aquarium Way, Long Beach, CA

COST:.....\$8 for the public, \$4 Aquarium members
Free for Pacific Circle members & students with ID
Reservations recommended.

INFO:(562) 590-3100, ext. 0 or www.aquariumofpacific.org

Thanks to our event sponsors:

THE WESTIN
LONG BEACH

GAZETTE NEWSPAPERS
GRUNION GAZETTE DOWNTOWN GAZETTE

 **AQUARIUM OF THE PACIFIC**

For advance tickets, call (562) 590-3100 or visit www.aquariumofpacific.org.

100 AQUARIUM WAY • LONG BEACH, CA 90802