



PLEASE POST!



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

COSEE-West and the Jet Propulsion Laboratory Earth Science EPO

present a FREE lecture in the 2010-2011 series

co-sponsored by Boeing *

Global Warming Guaranteed: What the ocean tells us about climate change

Speaker: Dr. Joshua Willis

Oceanographer, NASA Jet Propulsion Laboratory

hosted by NASA Jet Propulsion Laboratory†

4800 Oak Grove Drive, Pasadena, California 91109

in Conference Room 180-101 (non-JPL staff will be escorted from the visitors center)

on Wednesday, January 26, 2011

(Conference Room will open to the public after 5:30pm - Check-in at Main Gate)

6:15 - 7:15 pm: Public lecture and Q&A

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

Absorbing more than 80 percent of the increased atmospheric heat resulting from human activities, the World Ocean sets the pace for global warming. Our rising and warming seas provide a poignant reminder of our influence on our climate. Dr. Willis will discuss some of the major ways in which the ocean influences the global climate.

Josh Willis is an oceanographer and climate scientist at NASA's Jet Propulsion Laboratory. Josh studies global warming, sea level rise and the role of the ocean in our global climate. Josh was also a contributing author to the 2007 report of the Intergovernmental Panel on Climate Change, which shared the 2007 Nobel Peace prize with Vice President Al Gore. In 2009, he was awarded the Presidential Early Career Award for Scientists and Engineers.



Map & Driving Directions: http://www.jpl.nasa.gov/about_JPL/maps.cfm

† To be permitted to enter JPL, you must show your government-issued photo ID (passport, driver's license or business/school issued). **NO exceptions.** Your vehicle trunk may be inspected when you enter the premises.



Educators please register for the educators' session by contacting the UCLA COSEE-West office at cosee.west@gmail.com or 310-206-8247.

Please provide your name, school/organization, and an email or phone number to reach you.

Register by Fri, Jan 21 to receive FREE materials and light supper. Space is limited!

K-12 teachers may get documentation for Professional Development hours upon request.



*** Educator stipends and light supper are being generously provided by a grant from Boeing to USC for COSEE-West.** Light supper is available to all educators who register in advance (see above). Stipends are available to the first 25 educators who:

- 1) Register for this event on or before Fri, Jan 21 (make sure you receive confirmation from us),
- 2) Attend the entire event (time listed above),
- 3) Provide your information so we can pay your stipend from USC. We will provide you with specific details when you register.
- 4) Complete a feedback survey at the end of the event.

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

Supported by grants from the National Science Foundation to USC, UCLA & the College of Exploration for COSEE-West and from Boeing Global Corporate Citizenship to USC for COSEE-West