



PLEASE POST!

COSEE-West & COSEE-West Colorado Collaborative
present a free workshop via videoconferencing technology

Arctic Sea Ice: Nay Sayers and Science

on Saturday, May 15, 2010

7:30 A.M. – 11:00 A.M.

WE WILL START PROMPTLY AT 8:00 AM

at the University of Southern California

in the Wrigley Institute for Environmental Studies offices
Alan Hancock Foundation Building (AHF), Room 410 (4th floor)
3616 Trousdale Parkway, Los Angeles, CA 90089

featuring:

**"Conveying Scientific Evidence Using Uncertain Data:
A Case-Study with Arctic Sea Ice Data"**

by guest speaker Dr. Walt Meier, CIRES Research Scientist
(Cooperative Institute for Research in Environmental Sciences)

and

hands-on classroom activities

The decline in Arctic sea ice is one of the most iconic indicators of climate change. The impacts of the decline are dramatic and visceral (e.g., potential polar bear extinction). At a basic level, sea ice data is easy to convey, the trends are clear and the data are accessible and timely. Thus, sea ice data provides a simple, easy to understand, vivid example of climate change in the classroom. However, as in the case with almost any scientific data, though the basic sea ice data products are straightforward, the physics of the sea ice system and the techniques to acquire and process them are complex. This leads to temporary errors in the data (that are later quality-controlled and corrected), results that have associated uncertainties, and potential misinterpretation and exploitation by climate skeptics. This talk will use sea ice data to demonstrate these issues and ways to address them with students.

A NOTE ABOUT VIDEOCONFERENCING: The lecture will be broadcast from Colorado to USC's Wrigley Institute offices via videoconferencing technology. Videoconferencing is like a phone call with video, so you will not be able to watch this presentation from home. While at USC, you will be able to hear the guest speaker and ask questions about his presentation. You will be guided through activities by instructors in Colorado and you will also be able to ask questions of them.



There is no charge for this workshop. Although this is part two of a three part course, this is a stand alone event and educators are welcome to attend just for today. **Professional Development hours may be documented.**

Map & Driving Directions: A Google map of the USC campus can be found here:
<http://tiny.cc/USCmap>. The red marker is next to the Alan Hancock Foundation Building.
Driving directions to the USC campus can be found on their website here:
http://www.usc.edu/about/visit/upc/driving_directions/

SPACE is LIMITED! To register, contact the UCLA COSEE-West office:
email: cosee.west@gmail.com **tel:** 310-206-8247

For information about our programs for teachers and informal educators, please visit the COSEE-West website: <http://www.usc.edu/org/cosee-west/>