

**2011 NSTA Conference -- March 10-13 -- San Francisco**  
**Workshops, Symposia, and Presentations on**  
**Climate Change and closely related topics**  
**Saturday, March 12**

8:00–9:00 AM

**SYM-2 Follow-up Session: EPA Climate Change Action Updates**

Presentation *Marriott Golden Gate Salon C2* U.S. Environmental Protection Agency

**ASTC Session: Museum Educators and Science Interconnections**

Presentation *Marriott Pacific E* Arizona Science Center

**Science Doesn't End with the Bell**

Presentation *Hilton* Lynne Cherry; Juliana Texley Palm Beach State College

**Investigations in Environmental Science: A Case-based Approach**

Exhibitor Workshop *Moscone* Dublin Public Schools: Dublin, OH

9:30–10:30 AM

**Teaching the Essential Principles of Climate Literacy in Middle and High School**

Presentation *Hilton* WGBH & KQED

**The Composition of the Atmosphere** Presentation *Moscone* Flushing High School

**SYM-2 Follow-up Session: Climate Toolkits: New Tools for Educators**

Presentation *Marriott Golden Gate Salon C2* NOAA

11:00 AM–12:00 PM

**Hello, Mercury!** [not on climate change, but related science]

Workshop *Marriott* NASA MESSENGER

**A Virtual Field Trip Connecting Classrooms to Antarctic Penguins and Global**

**Climate Change** Workshop *Hilton* Penguin Science, Fresno

**Transforming Undergraduate Education for Science Teaching in the Hands-On Lab**

Presentation *Hilton* California State University: Chico [not on climate change]

**Climate Change Education Roundtable**

Presentation *Hilton* National Research Council

**Science On a Sphere (SOS): Help in Visualizing Global Systems** *Marriott* NOAA

**Climate Change Science as a Vehicle for Teaching a Foreign Language**

Presentation *Moscone 262* University of Nebraska-Lincoln:

**SYM-2 Follow-up Session: Climate's Canary in a Coal Mine: Arctic Sea Ice**

Presentation *Marriott* University of Colorado at Boulder

12:30–1:30 PM

**Inquiry-based Hands-On Activities and Demonstrations** [not on climate change]

Workshop *Marriott* Science Activities

**Earth and Climate Science Teacher Academy for 21st- Century Learners**

Presentation *Hilton* Chabot Space and Science Center

**Tracking Water from Space: Classroom Activities Using a NASA Global Data Set**

Presentation *Marriott Pacific C* Jim Short (American Museum of Natural History)

## **Taking Earth Science One Step Further: Harnessing Sun and Wind Energy**

Workshop *Moscone Museum of Science*

### **Eco-Schools USA Climate Change Connections**

Presentation *Marriott Pacific J* NWF and NASA Goddard

1:30–2:30 PM

### **COSEE Session: Linking Our Ocean and Climate Through Innovative Learning**

Connections: Part 1 Workshop *Marriott* COSEE

2:00–3:00 PM

### **Climate Change in My School Yard?**

Citizen **science projects** offer an exciting way to learn about the nature of science, contribute to scientific understandings, and explore the puzzle of climate change

Presentation *Marriott Sierra A* Jennifer Fee (Cornell Lab of Ornithology: Ithaca, NY); Katie Levedahl (Sciencenter: Ithaca, NY)

**The GLOBE Carbon Cycle Project: Using a Systems Approach to Explore Carbon, Ecosystems, and Climate** Workshop *Marriott* GLOBE

**Using Interdisciplinary Polar Research toward the Understanding of the Earth System and Climate** Workshop *Marriott* *Arctic Research Consortium*

**NOAA Follow-up Session: Climate Change Impacts North-Central California Coast**

Presentation *Marriott Golden Gate Salon C2* National Marine Sanctuary

**Urban Youth and Global Climate Change Partnership**

Presentation *Marriott Sierra A*

Columbus, OH Schools, Zoo and Aquarium

2:30–3:00 PM

### **COSEE Session: Linking Our Ocean and Climate Through Innovative Learning**

Connections, Part 2 Workshop *Marriott Willow* COSEE

3:00-5:00 PM

### **Lifelines for High School Climate Change Education**

Meeting Room for teachers and team leaders from across United States.

Sharing resources, investigations and labs. Conference networking center.

All teachers interested in Lifelines program welcome.

Informal Meeting Area *Marriott Sierra F* NASA/Lawrence Hall of Science

<http://www.lawrencehallofscience.org/gss/lifelines/>

**With Hands-on Science Investigations, Labs, and Activities**

**By Lifelines Teachers, Global Systems Science and**

**ClimateChangeEducation.org/labs**

5:00–6:00 PM

**The Science of Energy: Exploring Forms of Energy and Energy Transformations**

Workshop *Hilton* NEED Project

**Why Study Clouds?** Workshop *Marriott* SSAI/NASA Langley

**Online EPA Tools for Climate Change and Air Quality Education**

Presentation *Marriott Pacific J* USEPA

**Note: most climate change related sessions on Saturday are taking place at the Marriott San Francisco Marquis – (55 4<sup>th</sup> Street, cross street: Mission)**

**Marriott meeting room layout and floor plan:**

<http://www.marriott.com/hotels/event-planning/floor-plans/sfodt-san-francisco-marriott-marquis/>

**Moscone Hall Exhibits Open Saturday: 9:00 AM–5:00 PM**

**For more Climate Change listings of NSTA 2011 sessions:**

**For Thursday, Friday, Saturday and Sunday:**

**<http://ClimateChangeEducation.org/nsta2011/>**