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# Climate Literacy Network Presentations

## NAAEE 2010 Conference

**30 September - Thursday**

### **INSPIRING CLIMATE EDUCATION EXCELLENCE: PROFESSIONAL DEVELOPMENT FOR SECONDARY SCIENCE TEACHERS - Presentation**

**Presenter(s):** Susan Buhr (CIRES/University of Colorado), Karen Hollweg (NAAEE Past President)

**Strand:** Urban and Rural Interface DV, K12

**Time:** 11:30-11:50am **Location:** 102

The new ICEE online course and self-directed modules foster climate literacy via best practices and include strategies to forestall controversy. Come to learn about our online resources and evaluation results. Get involved and enhance your approaches for teaching diverse learners.

### **SYNTHESIZING EARTH SYSTEM ESSENTIAL PRINCIPLES: WHAT EVERYONE NEEDS TO KNOW - Thursday Evening Poster Session**

**Presenter:** Don Duggan-Haas (The Paleontological Research Institution and its Museum of the Earth)

**Time:** 6:30-8:30pm

**1 October - Friday**

### **THE CLIMATE LITERACY NETWORK: FACILITATING INFORMED ENVIRONMENTAL DECISION MAKING – Roundtable Discussion**

**Presenter(s):** Tamara Ledley (TERC)

**Strand:** SL

**Time:** 9:30-10:50am **Location:** Convention Center Ballroom

The Climate Literacy Network was formed in 2008 to improve climate literacy and thus the ability of citizens to make informed environmental decisions. Participants will learn about this network and how they can make use of it and/or get involved.

### **THE ROLE OF VIRTUAL FIELDWORK IN PLACE BASED EDUCATION – Roundtable Discussion**

**Presenter(s):** Carlyn Buckler (Paleontological Research Institution), Don Duggan-Haas (The Paleontological Research Institution and its Museum of the Earth)

**Strand:** K12

**Time:** 9:30-10:50am **Location:** Convention Center Ballroom

Engaging teachers and students in the creation of virtual fieldwork experiences both requires close study of the local environment and creates a valuable product for use in educating others about local and global environments.

**EARTHLABS: LABORATORY COURSES IN EARTH AND ENVIRONMENTAL SCIENCE—**  
Presentation

**Presenter(s):** Tamara Ledley (TERC)

**Strand:** Innovative Programs and Practices, K12

**Time:** 11:00-11:45am **Location:** 101-C

See demonstrations of EarthLabs (<http://serc.carleton.edu/earthlabs>), a national model for rigorous, engaging earth/environmental science lab modules. Each engages students in deep investigations of the interconnections in the earth system (drought, hurricanes, fisheries, corals, cryosphere), and builds inquiry, analysis, and evaluation skills.

**FEDERAL FUNDING OPPORTUNITIES IN CLIMATE CHANGE EDUCATION – Symposium**

**Presenter(s):** Karen Scott (US EPA), Peg Steffen (NOAA), Ted Jennex (Environment Canada), David Campbell (National Science Foundation), Lin Chambers (NASA Langley Research Center), Karen Hollweg (Past NAAEE President 2008-2009), Don Duggan-Haas (The Paleontological Research Institution and its Museum of the Earth)

**Strand:** Innovative Programs and Practices

**Time:** 1:30pm-2:50pm **Location:** 101-H

New funding opportunities exist or are becoming available for environmental educators. Panelists, from federal agencies in the US and Canada, will discuss the types of initiatives they fund, characteristics of funded proposals and programs, emerging research approaches and more.

**ENVIRONMENTAL LITERACY: WHAT EVERY CITIZEN SHOULD KNOW – Panel**

**Presenter(s):** Bora Simmons, Peg Steffen (NOAA), Roberta Johnson (UCAR), Scott Carley (College of Exploration), Don Duggan-Haas (The Paleontological Research Institution and its Museum of the Earth), Nicole LaDue (Michigan State University)

**Strand:** Network and Leadership Development

**Time:** 3:00pm-4:20pm **Location:** 101-A

Starting with NAAEE's Guidelines for Excellence (K-12) environmental literacy framework, explore Earth System Literacy Principles for climate, ocean, atmosphere, and earth science and their interconnections. Discover essential elements important for guiding your 21st century EE programs and plans.

**2 October – Saturday**

**OCEAN LITERACY: TWO PERSPECTIVES –Combined Panel**

**Strand:** Innovative Programs and Practices K12, RE, WT

**Time:** 1:45-2:30pm **Location:** 101-B

Understanding our oceans has never been more important than now. This session will provide insights and practical strategies for helping learners to realize the complexity and wonder of the ocean environment. Two unique approaches and perspectives will be presented.

**BRING OCEAN LIVE! INTO YOUR CLASSROOMS**

**Presenter(s):** Jonathan Shannon (NOAA Office of Natl Marine Sanctuaries)

Bring the Ocean LIVE! into your classroom through a cutting-edge ocean science education portal. See how these free electronic resources can make the ocean come alive for your students!

**OCEAN LITERACY PRINCIPLES: WHAT EVERY CITIZEN NEEDS TO KNOW**

**Presenter(s):** Scott Carley (College of Exploration)

This talk describes the development and potential application of the Ocean Literacy Essential Principles and Fundamental Concepts and the Ocean Literacy Scope and Sequence Conceptual Flow Diagrams for teaching topics related to in K-12 classrooms.



**National Science Digital Library (NSDL)**

<http://nsdl.org>

**Pathway Collection Project**

<http://cleannet.org>