

**AGU Fall Meeting 2016**

San Francisco, CA

Monday, 12 December

**Geosciences Workforce Workshop on Academic Research**

Michel Boudrias, University of San Diego

COSEE Workshop

Monday, 12 December: 09:00 A.M. - 2:00 P.M.

Moscone North: 123

The workshop will offer presentations from panelists representing different sectors and potential career paths for students. After short panelist presentations, student attendees will have an opportunity to speak with the panelists in small groups to ask specific questions.

**Assessing Approaches to Teaching Systems Thinking: Reading Article vs. Game Play**

Stephanie Pfirman, Barnard College

Oral Session #: ED11F-07

Monday, 12 December: 9:30 A.M. - 9:45 A.M.

Moscone South: 309

Tuesday, 13 December

**Show Me the Data! Data Visualizations Make Climate Change & Climate Impacts Real**

Margie Turin, LDEO of Columbia University

Session #: PA21A-2190

Tuesday, 13 December: 8:00 A.M. - 12:20 P.M.

Moscone South: Poster Hall

Wednesday, 14 December

**How the Pacific Islands Climate Education Partnership (PCEP) Has Collaboratively Increased Regional Collective Impacts on Climate Literacy Via Networks of Diverse Stakeholders Engaging in Multiple Reinforcing Activities**

Art Sussman, WestEd

Session #: ED31C-03

Wednesday, 14 December: 8:30 A.M. - 8:45 A.M.

Moscone South: 307

**Effective Social Media Practices for Communicating Climate Change Science to Community Leaders**

Mica Estrada, University of California San Francisco

Session #: ED31D-05

Wednesday, 14 December: 9:00 A.M. - 9:15 A.M.

Moscone South: 309

**Climate Literacy: Delivering Climate Change Science Content, Process, and Context to K12 Educators, Students, Parents, and the Larger Community I**

Jessica Rebecca Bean, University of California at Berkeley  
Patricia Harcourt, University of Maryland Center for Environmental Science  
Oral Session #: ED32A  
Wednesday, 14 December: 10:20 A.M. - 12:20 P.M.  
Moscone South: 307

11:05 **ED32A-04 Offering Climate Change Education to Pre-service Teachers Outside the Higher Ed Classroom** Dana E Veron<sup>1</sup>, Melissa Rogers<sup>2</sup>, Asli Sezen-Barrie<sup>3</sup>, Jane Wolfson<sup>3</sup>, Gulnihal Ozbay<sup>4</sup> and Rebecca Fox-Lykens<sup>4</sup>, (1) University of Delaware, Newark, DE, United States, (2) University of Maryland Center for Environmental Science, Annapolis, MD, United States, (3) Towson University, Towson, MD, United States, (4) Delaware State University, Dover, DE, United States

11:35 **ED32A-06 Learning from Our Place, Learning from Each Other** Corrin Barros and Emerson Odango, PREL, Honolulu, HI, United States

11:50 **ED32A-07 It's a Gassy World: Middle School Students Investigate Climate Change** Christina Romano, Towson University, Towson, MD, United States

**Climate Literacy: Delivering Climate Change Science Content, Process, and Context to K12 Educators, Students, Parents, and the Larger Community II Posters**

Patricia Harcourt, University of Maryland Center for Environmental Science  
Session #: ED33B  
Wednesday, 14 December: 1:40 P.M. - 6:00 P.M.  
Moscone South: Poster Hall

**ED33B-0900 Climate Change Education for General Education Faculty**

Gulnihal Ozbay<sup>1</sup>, Rebecca Fox-Lykens<sup>1</sup>, Melanie Jacqueline Fuoco<sup>1</sup>, Laurieann Phalen<sup>1</sup>, Patricia Harcourt<sup>2</sup>, Dana E Veron<sup>3</sup>, Melissa Rogers<sup>4</sup>, Jennifer Merrill<sup>1</sup> and MADE-CLEAR Climate Change Education Team, (1) Delaware State University, Dover, DE, United States, (2) University of Maryland Center for Environmental Science Appalachian Laboratory, Frostburg, MD, United States, (3) University of Delaware, Newark, DE, United States, (4) University of Maryland Center for Environmental Science, Annapolis, MD, United States

**Climate Literacy: Moving Past Barriers to Climate Literacy, What We Know from Educational Research and Evaluation, and Where We Need to Grow**

John Fraser, New Knowledge Organization, LLC  
Session #: ED33D  
Wednesday, 14 December: 1:40 P.M. - 6:00 P.M.  
Moscone South: Poster Hall

**Polar Voices: Relaying the Science and Story of Polar Climate Change through Podcasts**

Michael Moloney, University of Calgary  
Maribeth Murray, Arctic Institute of North America  
Session #: ED33E-0918  
Wednesday, 14 December: 1:40 P.M. - 6:00 P.M.  
Moscone South: Poster Hall

Thursday, 15 December

**[Geo-Games Workshop and Showcase](#)**

PoLAR Partnership Workshop

Thursday, 15 December: 9:00 A.M. - 12:00 P.M.

San Francisco Marriott Marquis: Golden Gate A

Games are great for entertainment, but did you know that they can also be valuable tools for education and empowerment? In fact, games are increasingly used in educational settings to help inspire curiosity, creativity, collaboration, optimism, and problem-solving skills. Join us at the Geo-Games Showcase and Workshop to learn more! As you play your way through a variety of Earth-themed games and hear about their effectiveness from the experts who designed them, you'll find out about the innovative ways that scientists and educators are using games to engage diverse audiences and communicate complex topics.

**[“Participatory Cli-Fi”: Crowdsourcing Voicemails from the Future to Spark Engagement and Discern Perceptions of Climate Change](#)**

Gina Stovall, Columbia University of New York

Session #: ED41B-10

Thursday, 15 December: 9:48 A.M. - 10:00 A.M.

Moscone South: 307

**[Collaborating on Climate: The Signs of the Land Camp as a Model for Meaningful Learning Between Indigenous Communities and Western Climate Scientists](#)**

Malinda Chase, Association for Interior Native Educators

Jessica Brunacini, Columbia Climate Center

Elena Sparrow, University of Alaska Fairbanks

Session #: PA43A-2171

Thursday, 15 December: 1:40 P.M. - 6:00 P.M.

Moscone South: Poster Hall

**[A Heat Warning System to Reduce Heat Illness in San Diego County](#)**

Alex Tardy, NOAA San Diego

Poster Session #: PA43B-2205

Thursday, 15 December: 1:40 P.M. - 6:00 P.M.

Moscone South: Poster Hall

**[Decision-Makers as Messengers of Climate Change Impacts and Ambassadors for Their Communities](#)**

Michel Boudrias, University of San Diego

Poster Session #: PA43B-2219

Thursday, 15 December: 1:40 P.M. - 6:00 P.M.

Moscone South: Poster Hall

Friday, 16 December

**[Atmospheric Rivers and Historic California Floods: A Look in the Past and a Peek in the Future](#)**

Alexander Gershunov, Scripps Institution of Oceanography

Poster Session #: A51E-0114

Friday, 16 December: 8:00 A.M. - 12:20 P.M.

Moscone South: Poster Hall