

Climate Change Education Partnership Alliance

AGU Fall Meeting 2017

New Orleans, LA

Tuesday, December 12

[Scientific Guidance for Rehabilitation of the Chesapeake Bay Ecosystem under the Changing Climate.](#)

Authors: **Donald F Boesch, University of Maryland Center for Environmental Science** | Zoë P. Johnson, National Oceanic and Atmospheric Administration | Ming Li, University of Maryland Center for Environmental Science Horn Point Laboratory

Session: GC21I-03

Tuesday, 12 December 2017, 08:30 – 08:45

New Orleans Ernest N. Morial Convention Center – 265-266

[Climate Literacy: Delivering Climate Change Science Content, Pedagogy, and Data Resources to K-12 Educators, Future Teachers, and Professional Development Providers II](#)

Primary Convener: **Patricia Harcourt**

Session: ED22A

Tuesday, 12 December 2017, 10:20 – 12:20

New Orleans Ernest N. Morial Convention Center- 245

[Exploring the Climate Literacy Development Utilizing a Learning Progressions Approach](#)

Andrea Drewes, University of Delaware | Wayne Breslyn, University of Maryland College Park | J. Randy McGinnis, University of Maryland College Park | Emily Hestness, University of Maryland College Park | Chrystalla Mouza, University of Delaware

Session: ED22A-03

Tuesday, 12 December 2017, 10:50 – 11:05

New Orleans Ernest N. Morial Convention Center- 245

[Using Students' Explanatory Models as Sources of Feedback: Conceptualizing Ocean Acidification and Its Impacts](#)

Asli Sezen-Barrie, University of Maine | Mary Stapleton, Towson University | Jane Wolfson, Towson University

Session: ED22A-05

Tuesday, 12 December 2017, 11:20 – 11:35

New Orleans Ernest N. Morial Convention Center- 245

[Special Keynote Panel – Why We Are Still In](#)

Moderator: **Dr. Don Boesch, Former President, University of Maryland Center for Environmental Science**

Panelists: The Honorable James Brainard, Mayor of Carmel, Indiana | Sra. Tanya Müller García, Secretary of the Environment, Mexico City | Invited – The Honorable Mitchell Landrieu, Mayor of New Orleans, Louisiana

Tuesday, 12 December 2017, 12:30 – 13:30

New Orleans Ernest N. Morial Convention Center – New Orleans Theater

Climate Change Education Partnership Alliance

[Sustained Large-Scale Collective Climate Action Supported by Effective Climate Change Education Practice](#)

Frank Niepold, NOAA Washington DC | Haley Crim, New Knowledge Organization Ltd | Gina Fiorile, Climate Literacy and Energy Awareness Network (CLEAN) | Samaa Eldadah, Climate Literacy and Energy Awareness Network (CLEAN)

Session: ED24A-06

Tuesday, 12 December 2017, 17:20 - 17:35

New Orleans Ernest N. Morial Convention Center - 245

Wednesday, December 13

[Climate Literacy: Delivering Climate Change Science Content, Pedagogy, and Data Resources to K-12 Educators, Future Teachers, and Professional Development Providers I Posters](#)

Primary Convener: **Patricia Harcourt**

Session: ED31B

Wednesday, 13 December 2017, 08:00 - 12:20

New Orleans Ernest N. Morial Convention Center- Poster Hall D-F

[3-D Teaching of Climate Change: An innovative professional learning model for K-12 teachers](#)

Mary Stapleton, Towson University | Jane Wolfson, Towson University | Asli Sezen-Barrie, Towson University

Session: ED31B-0279

Wednesday, 13 December 2017, 08:00 - 12:20

New Orleans Ernest N. Morial Convention Center- Poster Hall D-F

[Murals as Models: Supporting NGSS three-dimensional teaching in climate change educator professional learning](#)

Melissa J. B. Rogers, University of Maryland Center for Environmental Science | Christopher Petrone, College of Marine and Earth Studies | Bart Merrick, NOAA Environmental Science Training Center, Andrea Drewes, University of Delaware

Session: ED31B-0281

Wednesday, 13 December 2017, 08:00 - 12:20

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F

[Pre-service teacher professional development on climate change: Assessment of workshop success and influence of prior knowledge](#)

Dana E Veron, University of Delaware | Gili Ad-Marbach, University of Maryland College Park | Rebecca Fox-Lykens, Delaware State University | Gulnihal Ozbay, Delaware State University | Asli Sezen-Barrie, Towson University | Jane Wolfson, Towson University

Session: ED31B-0287

Wednesday, 13 December 2017, 08:00 - 12:20

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F

Thursday, December 14

[Climate Literacy: Successes and Strategies in Youth Engagement in Building Resilience to Climate Change Impacts in Vulnerable Communities with Citizen Science II](#)

Primary Convener: **Patricia Harcourt**

Session: ED41C

Thursday, 14 December 2017, 08:00 – 10:00

New Orleans Ernest N. Morial Convention Center- 242

[Engaging informal audiences in learning about and responding to climate change through a portfolio of innovative approaches \(Invited\)](#)

Stephanie L Pfirman, Barnard College and Columbia University | Jessica Brunacini, Columbia Climate Center | Benjamin S Orlove, Columbia University of New York | Elizabeth Bachrach, Goodman Research Group | Lawrence Hamilton, University of New Hampshire

Session: ED41C-03

Thursday, 14 December 2017, 08:30 – 08:45

New Orleans Ernest N. Morial Convention Center – 242

[Solutions-based climate change education for K-Gray: Renewable energy and energy efficiency](#)

Christopher Petrone, University of Delaware

Session: ED41C-06

Thursday, 14 December 2017, 09:15 – 09:30

New Orleans Ernest N. Morial Convention Center- 242

[Three Pillars of Success: The Partners, The Messenger, The Communication Strategies](#)

Margie Turrin, LDEO of Columbia University | William B F Ryan, Lamont –Doherty Earth Observatory | Stephanie L Pfirman, Barnard College

Session: ED42A-07

Thursday, 14 December 2017, 11:50 – 12:05

New Orleans Ernest N. Morial Convention Center – 242

[Weather on Steroids: The Art of Climate Change Science.](#)

Michel Andre Boudrias, University of San Diego | Alexander Gershunov, Scripps Institution of Oceanography | Tatiana Sizonenko, University of California San Diego | Allison Wiese, University of San Diego | Heath Fox

Session: PA43A-0319

Thursday, 14 December 2017, 13:40 – 18:00

New Orleans Ernest N. Morial Convention Center – Poster Hall D-F

[Population, Migration, and Arctic Community Change \(Invited\)](#)

Lawrence Hamilton, University of New Hampshire | Jochen Wirsing, University of New Hampshire

Session: GC43J-02

Thursday, 14 December 2017, 13:55 – 14:10

New Orleans Ernest N. Morial Convention Center – 267-268

Climate Change Education Partnership Alliance

Friday, December 15

[Linking research, education and public engagement in geoscience: Leadership and strategic partnerships \(invited\)](#)

Patricia Harcourt, University of Maryland Center for Environmental Science Appalachian Laboratory

Session: U51A-05

Friday, 15 December 2017, 08:04 - 08:05

New Orleans Ernest N. Morial Convention Center - E2

[Collaborative Projects Weaving Indigenous and Western Science, Knowledge and Perspectives in Climate Change Education \(Invited\)](#)

Elena B Sparrow, University of Alaska Fairbanks | Malinda Chase, Aleutians Pribilof Islands Association
Alaska Climate Science Center | Jessica Brunacini, Columbia Climate Center | Katie Spellman, University of Alaska Fairbanks

Session: PA52A-02

Friday, 15 December 2017, 10:34 - 10:51

New Orleans Ernest N. Morial Convention Center - 255-257

[Climate Literacy: Successes and Strategies in Youth Engagement in Building Resilience to Climate Change Impacts in Vulnerable Communities with Citizen Science I Posters](#)

Primary Convener: **Patricia Harcourt**

Session: ED53A

Friday, 15 December 2017, 13:40 - 18:00

New Orleans Ernest N. Morial Convention Center- Poster Hall D-F