An Overview of the Climate Change Education Partnership (CCEP) Alliance

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The Alliance

A network of six multi-institutional projects coordinated by The Alliance Office and funded by the National Science Foundation.

The six projects that constitute The Alliance are:
- Climate Education Partners (CEP)
- Climate and Urban Systems Partnership (CUSB)
- Maryland and Delaware Climate Change Education, Assessment and Research (MADE-CLEAR)
- National Network for Ocean & Climate Change Interpretation (NNOCCI)
- Pacific Islands Climate Education Partnership (PCEP)
- Polar Learning and Responding Climate Change Education Partnership (PoLAR CCEP)
Mission & Vision

The MISSION of the CCEP Alliance is to advance exemplary climate change education through research and partnerships.

The VISION of the CCEP Alliance is to develop:
- Educated citizens who are better prepared for a changing climate
- Powerful, proven educational approaches
- A collaborative community of climate and learning scientists and educational practitioners
CCEP Alliance Projects

The CCEP Projects are regionally or thematically based, comprised of partnerships, and devoted to increasing the adoption of effective, high quality education programs and resources related to the science of climate change and its impacts.

Each CCEP is required to incorporate innovative collaborations among expertise of climate scientists, learning scientists, and education practitioners in either formal or informal learning environments.
The Alliance Office

The Alliance Office, located at the University of Rhode Island, Graduate School of Oceanography, serves as the hub for The Alliance.

The Alliance Office:
- Facilitates communication among the CCEP Projects
- Enables and nurtures cross-Project coordination and collaboration
- Supports the dissemination of Alliance resources
- Fosters communication with the larger climate change education community
Supports the dissemination of Alliance resources

- Alliance Website – www.ccepalliance.org
- Quarterly Newsletter
- CCEP Alliance Twitter - @CCEPAlliance
- Presence @ National Meetings
  - AGU Fall Meeting
    - Eight poster sessions and eight oral sessions
    - Exhibit
    - Special events
- Email listserv, “allccep”
  - To subscribe email ccepalliance@etal.uri.edu, put “subscribe” as subject
Fosters communication with the larger climate change education community

- U.S. Climate Change Education Programs/Projects Survey
- Participation in CLEAN activities
- Partner with other National Networks
The CCEP Alliance
(based on a mapping exercise)
CCEP Project Activities

- Place-based Activities
- Dissemination of Educational Resources
- Community Events
- Scientist Training
- Policymaker/Stakeholder Training
- Professional Development/Educator Training
- Curriculum/Education Resource Development
- Undergraduate Classroom Interactions
- K-12 Classroom Interactions
- Other
CCEP Project Products

- Public and Informal Science Education Resources (not including exhibits)
- K-12 Curriculum Resources
- Museum, Science Center, Aquarium Exhibits
- Training Resources for Educator Professional Development
- Training Resources for Policymakers and/or Stakeholders
- Higher Education Resources
- Peer Reviewed Publications
CCEP Project Products Dissemination

- Project website updates
- Face to face interactions (workshops, meetings, public events)
- Webinars
- Social Media (Facebook, Twitter, etc.)
- Blogs
- Email listservs
- News Media (newspapers, magazines)
Alliance Project Climate Change Themes

- Transportation Systems
- Sea Level Rise*
- Polar Climate Change
- Public Health
- Severe and Extreme Weather Events
- Adaptation Strategies
- Regional Affects
- Energy
- Urban Heat Islands
- Ocean Acidification
- Ocean and Climate Mitigation
- Agriculture and Food Security
- Urban Planning
2013/2014 Alliance Project Theme

Climate Change Education Partnership (CCEP) Alliance Meeting – June 9–11, 2014
Written by Alliance Office

Over 25 members of the CCEP Alliance met in Arlington, Virginia for a two–day meeting. Principal Investigators, Project Managers, Evaluators, NSF Program Managers, and Alliance Office staff were all in attendance to engage in a full agenda of topics including Climate Change and National Security, Evaluation, Sea Level Rise activities, the National Climate Assessment, and Alliance business.

To address the 2014 Alliance topic of Sea Level Rise, the Alliance has developed the following statement: “Sea level rise causes widespread and frequent coastal flooding.” Overviews of the meeting topics, including information about each of the Projects’ major activity relating to Sea Level Rise, are provided below.

Climate Change and National Security

Admiral David Titley, retired Oceanographer of the Navy, discussed the relationship between climate change and national security. He highlighted key aspects, including effects on people, issues related to floods, droughts, ocean acidification, and sea level rise, risks to fresh water resources, and the magnitude and rate of change that can be expected. The military must plan and prepare for every situation, so why would they not plan for climate change? Discussing what we know and don’t know about current and future impacts provides an entry point for discussing risk assessment, risk management, and the adaptation measures that need to be implemented. Given the severe expected impacts of climate change, what can be done to lessen those impacts? Addressing this provides an opportunity to talk about how we can take actions to mitigate climate change. Admiral Titley also discussed the importance of personal stories and shared how his former home in Mississippi was destroyed by a powerful storm surge. He closed his presentation by saying that, “America can solve really tough problems, and I think we will solve this.”

National Climate Assessment
Moving Forward

- Continue cross-project collaboration and resource development on the 2014/2015 theme of “solutions.”
- Key “working groups” provide an opportunity for members to work across the projects on common goals.
- Fostering of social ties
- Continue to share knowledge, new and diverse perspectives, and resources
- Quarterly Newsletter
- Updating of the Alliance website
Questions?

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