



@CEPAlliance

NEWSLETTER

UPDATE FROM THE ALLIANCE OFFICE

On behalf of the CCEP Alliance Office, it was wonderful to see so many Project PIs, evaluators and staff at the June 2014 Alliance Meeting in Arlington, VA. The agenda for the meeting included evaluating climate change initiatives, a presentation from Admiral David Titley on climate change and national security, and a sharing of sea level rise activities. The PoLAR project gave an update on their FutureCoast initiative and MADE CLEAR provided an extensive project overview. Dr. Bob Chen, University of Massachusetts Boston, discussed results from his NSF funded informal science education project that is educating the public about climate change using the Boston Mass Transit System.

In December 2014, the CCEP Alliance Council will meet virtually for their bi-annual meeting. More details will be sent to the Council in the early fall. The CCEP Alliance Office will host an exhibit booth at the upcoming American Geophysical Union Conference in San Francisco, December 15-19, 2014.

Sincerely,
Romy Pizziconi
CCEP Alliance Communications Coordinator
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CUSP Presents to CLEAN Network

On the May 13 weekly [CLEAN Network](#) teleconference, Raluca Ellis, Lauren Allen and Mandela Lyon presented on the CUSP Project. Raluca Ellis, Project Director, gave an overview of the CCEP Alliance, the goals, strategies and approaches that are used and how CUSP aims to inform and engage city residents about the impacts and responses to climate change in their cities. Lauren Allen, a learning scientist, discussed how people learn about climate change, what's important when trying to get the public to engage and assumptions associated with climate change. Mandela Lyon, Program Development Coordinator, shared CUSP's festival strategy for engaging visitors using short climate-related messages through hands-on activities. The topics covered include energy production and consumption, city infrastructure, urban biodiversity, and urban land management. All of the their kits and activities are designed to have a personal, climate, and city system connection. The CUSP [presentation](#) is available along with an [audio recording](#) of the call. The CLEAN Network meets every Tuesday at 1 p.m. ET. Information on how to [participate](#) is available.

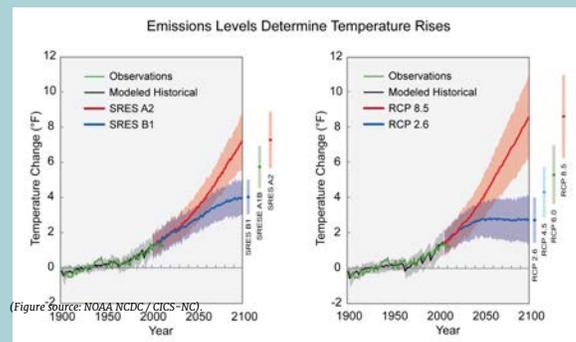


U.S. Global Change Research Program

National Climate Assessment

The third [National Climate Assessment](#) was released in early May 2014. The report, which was produced by over 300 experts and guided by a 60-member Federal

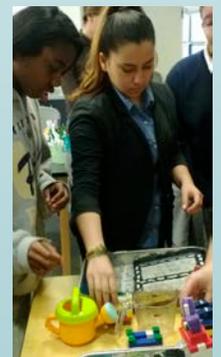
Advisory Committee, covers the [changing climate](#), impacts by [U.S. regions](#), cross sector topics, and [response strategies](#). Much of what climate scientists have predicted is consistent with the report, which states, "Long-term,



independent records from weather stations, satellites, ocean buoys, tide gauges, and many other data sources all confirm that our nation, like the rest of the world, is warming. Precipitation

patterns are changing, sea level is rising, the oceans are becoming more acidic, and the frequency and intensity of some extreme weather events are increasing. Many lines of independent evidence demonstrate that the rapid warming of the past half-century is due primarily to human activities."

To receive the CCEP newsletter and other climate change education resources via e-mail, please e-mail ccepalliance@etal.uri.edu and include "subscribe" in the subject line. Besides those who work directly on your Project, please encourage others to subscribe including Project partners and participants.



Project Highlights



“[San Diego, 2050 Is Calling. HOW WILL WE ANSWER?](#)” is part of an effort by the Climate Education Partners (CEP) to develop and implement a climate change education plan for the San Diego region. CEP is working with local expert scientists, educators and a wide range of community leaders, helping San Diegans learn more about, prepare for and respond to the impacts of a changing climate. The report provides a practical, solutions-oriented approach to the issue. It balances up-to-date local climate science with thoughts and perspectives from leaders across a wide diversity of communities and sectors, including healthcare, fire preparedness and public safety, water, transportation and the economy. It marks a major shift in strategies because it joins forces between science and public and private policymakers, rather than creating battles of opinions over science and appropriate action. You can download a [high-resolution version](#) to print.



[The Franklin Institute](#) made progress on three of their annual goals that were developed with the [Philadelphia CUSP](#) Steering Committee at the beginning of year two. A Community of Practice workshop outline was drafted and presenters approached. A Communications Working Group comprised of a subgroup of the Steering Committee was established and met to approve the Communications work plan. A CUSP Program outline for youth was developed with components including a hands-on workshop and science show currently in the prototyping stages. The Franklin Institute also partnered with Dr. Franco Montalto, part of the [Consortium for Climate Risk in the Urban Northeast \(CCRUN\)](#) in coordinating a seminar series on “Green Infrastructure, Climate and Cities.” Members of the Philadelphia CUSP Community of Practice will be invited to participate in the series.



In July 2014, 34 educators gathered in Lewes, Delaware, to learn more about climate change and to develop plans to teach this important topic to their students as part of the 2014-2015 [MADE CLEAR Climate Science Academy](#). The Cohort represents five Delaware school districts and/or charter schools, nine Maryland school districts, and two non-school-affiliated informal education institutions. The summer program and school year follow-up sessions provide participants the opportunity to enhance their understanding of climate science topics; appreciate how climate science involves science/engineering practices; cross-cutting concepts such as systems and energy; collaborate in the design of assessments structured to support NGSS; develop a climate curriculum to be tested and further developed throughout the school year; and a professional development plan to scale up the teaching of climate science across their LEA.



[NNOCCI](#) has trained more than 100 colleagues from 50 institutions about strategic framing and climate change in order to build capacity for initiating and facilitating positive, productive conversations about the issues involved, and will train at least 100 more. The network is building a mutually supportive community of professional educators from informal science education centers committed to an ongoing learning process. NNOCCI has also attracted attention from colleagues independent of its core work, including Nina Jensen and Daniel Turner, Multimedia Producer from [Climate Nexus](#), who reached out to NNOCCI for information on how U.S. aquariums are playing a role in education about climate change. Johnny Fraser and Janet Swim presented a [podcast](#) for the American Psychological Association titled “Speaking of Psychology: Understanding Climate Change.”



[College of the Marshall Islands](#) staff and [PCEP](#) staff have collaboratively begun teaching a 16-week course focused on the science content and pedagogy related to climate change in the Marshall Islands. Each week of the course consists of two shorter sessions (1.25 hours) and one double session. About half of the course sessions are based on a new middle school curriculum funded by NOAA and developed by the [Lawrence Hall of Science - Ocean Sciences Sequence for Grades 6-8](#). This curriculum has three interlinked units: *How Do the Ocean and Atmosphere Interact?*; *How Does Carbon Flow through the Ocean, Land, and Atmosphere?*; and *What Are the Causes and Effects of Climate Change?* PCEP staff members have modified the curriculum to emphasize the content and pedagogy from a teacher’s perspective, and to make the sessions more contextually appropriate for equatorial Pacific islands.



[FutureCoast](#), the collaborative storytelling experience from the PoLAR Partnership, ran from February 5th to April 30th. The project opened up a dialogue and exchange of ideas about climate change by challenging people to create authentic-sounding voicemails from a variety of climate changed futures, which are featured in a collection on [futurecoast.org](#). The project provided a fresh look at how human and climate systems interact by encouraging people to think about the impacts of climate change in a personally relevant and meaningful way. FutureCoast’s innovative approach to climate change engagement generated interest in the media, leading to several in-depth pieces featured in [WIRED](#), [National Geographic](#), and [Scientific American](#). The project will carry on in the form of [in-person workshops](#) at special events and conferences.



CUSP has partnered with the Consortium for Climate Risks in the Urban Northeast (CCRUN) to offer a monthly seminar series at Drexel University. [Register here](#).



NNOCCI is offering a free [introductory workshop](#) at the September 2014 AZA Annual Conference in Orlando, FL.

Save The Date

Tuesday

Dec. 2-4, 2014
CCEP Alliance
Council meeting.
Virtually, 2-4 p.m.

Monday

Dec. 15-19, 2014
AGU Fall Meeting,
San Francisco, CA.

More CCEP [news and events](#)

If a Project would like something to be featured in the CCEP newsletter, please contact [Romy Pizziconi](#). Submissions and photos from the Alliance are encouraged!