

# Climate Change Education Partnership

Quarterly Newsletter, Spring 2016



## From the Alliance Office

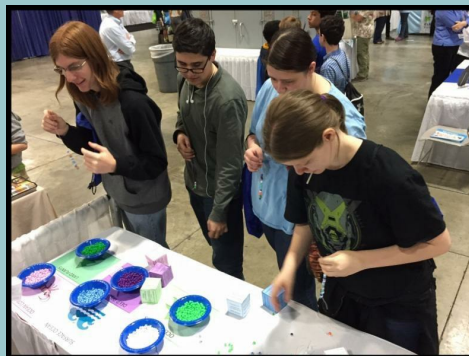
On behalf of the CCEP Alliance Office, we're looking forward to seeing our CCEP colleagues at the upcoming Spring Alliance Meeting, scheduled for May 23-25, 2016 in Philadelphia. [Registration](#) is now open, and please forward the meeting information to other project partners who may be interested in attending. More information on the Alliance meeting can be found below. We would like to extend a big thank you to the CUSP Project for hosting us at the Franklin Institute. See you in Philly!

Sincerely,

Romy Pizziconi  
CCEP Alliance Office  
[romy@uri.edu](mailto:romy@uri.edu)

## 2016 USA Science and Engineering Festival

The CCEP Alliance hosted a booth during the third USA Science and Engineering Festival in Washington, DC, April 15-17, 2016. CCEP Alliance Office staff engaged with hundreds of families, children, and educators during the three-day extravaganza. The team distributed CCEP literature and demonstrated hands-on climate related activities, including NNOCCI and New England Aquarium's [Eco Foot Print](#) game and the [Carbon Cycle Bracelet Game](#) from COSEE NOW. The Alliance received an extremely positive response during the festival, with many visitors remarking that the activities were both educational and fun. More information on the festival can be found [here](#).



## Project Updates

CEP continues to expand the project's reach with the implementation of its social media strategy. In the last few months, CEP made an effort to connect with Key Influentials and their organizations



across social media channels. The results of this strategy are significant. In this past quarter the number of people that saw CEP posts on social media has doubled. There has been an increase in project reach across all social media channels. Sustained and building momentum exists for this approach to dissemination.

CEP is finalizing two economic resilience reports as an extension to the San Diego [2050 report](#) which will serve as great outreach tools for the business community regarding climate resiliency, an area that the project has been working to improve upon.

On March 9, 2016, The San Diego Foundation in collaboration with CEP led the development and implementation of the sea level rise tour, which attracted a very high number (45 registered participants) of high-profile elected and government officials in the San Diego region including two Mayors and two Deputy Mayors



Participants at Sea Level Rise Tour held at the Marine Room, La Jolla, CA on 3/9/2016



Principal Investigator, Michel Boudrias, speaking to elected officials on Scripps Pier, La Jolla, CA on 3/9/2016



Between September 2014 and September 2015, CUSP partners collected data at six climate change events in their local communities. These events, situated within larger environmentally-focused community festivals in each city, were designed to provide a setting for the hands-on learning activities developed over time by Pittsburgh, Philadelphia, and New York CUSP partners. The primary objective was to engage the public in informal learning about how climate change

impacts their local community and environment. In collaboration with the UPCLOSE research team, Goodman Research Group developed on-site intercept and online follow-up surveys for these events. In all, 290 surveys were collected at six events.

On average, all respondents reported a very positive experience at the event overall (Mean = 4.17 out of a possible 5), as well as with the CUSP programming specifically (Mean = 4.12 out of 5). Respondents indicated the extent to which the CUSP programming increased their interest in learning more about climate change or the environment, made learning about climate change or the environment fun, helped them connect to potential climate change impacts in their city, and helped them learn about potential responses or solutions to climate change in their city.



On average, on a scale from 1 (Not at all) to 5 (A great deal), all listed objectives received ratings



between 3 and 4; objectives were achieved at least to "some" extent. The programming appeared to be most successful at making learning about the environment fun (Mean = 4.10 out of 5). Notably, 79% of respondents indicated that the CUSP programming "made learning about climate change/the environment fun" quite a bit or a great deal. About two-thirds of respondents (68%) felt the programming helped them quite a bit or a great deal to "connect to potential climate change impacts" in their city, and "learn about [potential responses/solutions] to climate change" in their city.

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Throughout the MADE CLEAR project, team members have worked to bring climate change into higher education at partner institutions through faculty workshops and symposia, programs for instructors of preservice teachers, and training sessions for undergraduate preservice teachers.

In order to reach the broader higher education community across Delaware and Maryland, MADE CLEAR team members convened a Climate Change Education Summit to increase and extend the incorporation of climate change into academic and campus programs for all students. The Summit, held April 6, 2016 at Towson University, attracted 140 administrators, faculty, and staff from 26 institutions of higher education in the region, including community colleges, technical schools, and public and private universities. Participants heard administrative leaders and experienced educators describe how climate change can be integrated into courses across academic disciplines, and engaged in discussions with colleagues to plan for new climate change education initiatives at their own institutions.



For the summit, MADE CLEAR forged a collaboration with [Second Nature](#), the organization that oversees the American College and University Presidents' Climate Commitment, with over 650 colleges and universities as signatories. The timing was ideal for a partnership with Second Nature, since much of their past work focused on addressing campus carbon emissions, and they are now highlighting the importance of establishing academic programs on climate change on campuses across the nation. For

more information please contact Pat Harcourt, [pharcourt@umces.edu](mailto:pharcourt@umces.edu).



Monterey Bay Aquarium (MBA) is working to leverage interest in connecting NNOCCI lessons with youth. They are facilitating a collaborative effort among 19 NNOCCI Alumni from 13 institutions from Florida to Washington, with the goal of producing a one-hour, high-energy, multimedia presentation aimed at high school age youth. MBA intends to complete the presentation by June 1 and to launch it on June 14 as part of MBA's Teen Conservation Leaders Summer Program. This is one positive indicator and a test of the strength of the NNOCCI network to stimulate and follow through on self-motivated activities aligned with NNOCCI's goals.



NNOCCI Co-PI Nette Fletcher will now represent the Association of Zoos and Aquariums. In her role, Nette is leading monthly calls with a subcommittee of NNOCCI partners to build a curriculum and a network development plan to continue NNOCCI activities beyond the current grant funding period. The committee collected all NNOCCI training materials to review and assess how to make use of them in a new training format. The committee has established learning objectives for future trainings and will use those to guide specific training plans.

**New Paper Alert:** Anderson, John. 2016. *Angling Toward Solutions in Climate Change Education*, in Informal Learning Review no. 136, January/February, 2016. pp: 3-8. This article and its recommendations are based on NNOCCI's work. You may access the paper [here](#). Nice work, John!



PCEP staff member Dr. Koh Ming Wei led workshops with teachers in Hawai'i (HI) and the Republic of the Marshall Islands (RMI), using the PCEP resource [Place-based Education: Elements of Design](#). Place-based education creates opportunities for deep observation about and inquiry into a place. These skills are essential to understanding change and the causes and effects of change. This includes change at broad levels, such as climate change, and at localized levels, such as food security and culinary practices embedded in language and culture.

The HI workshop took place December 17-18, 2015 at Kua o ka Lā New Century Public Charter School located on Hawai'i Island. The learning outcomes of this workshop were: (1) a cultivated sense of place, using local resources and expertise; (2) teachers becoming familiar with water science (e.g., warm ponds, pH, temperature, and Water for Life Handbook experiments); (3) teachers becoming familiar with assets-based mapping; (4) teachers being introduced to PREL/PCEP resources; and (5) teachers being introduced to Sense of Place research tasks and methods, and being able to apply them as assessments in their own classrooms.



The RMI workshop took place January 18-22, 2016 on Majuro. The first three days of the workshop focused on a 'big idea' or theme: (1) sustainable living is rooted in a deep knowledge of place; (2) we are all interconnected and related; and (3) the real world is the optimal learning environment. Each of these themes connected with a specific RMI Science Standard: (1) Science Inquiry and Habits of Mind (Standard 1); (2) Life Science (Standard 3); and (3) Environmental Science (Standard 6).

Both workshops used prompts from [Place-based Education: Elements of Design](#) to start the day. The teachers observed that either the place has changed and/or the practice is no longer used. Cultivating a sense of place was also accomplished through activities involving food and preservation techniques. Teachers stated that they valued starting with place and their own experiences, and then expanding out to students and community.



The PoLAR Partnership, together with Autodesk and Games for Change, is excited to announce the launch of the [Games for Change Climate Challenge](#). The global design challenge invites game designers, educators, students, and scientists of all experience levels to develop a working prototype of a digital game that encourages diverse audiences to understand and respond to climate change in their everyday lives, with an emphasis on scientifically-grounded climate solutions. Whether the game is focused on preventing carbon emissions, preparing for climate impacts, or promoting public awareness and understanding, the winning idea will be engaging, entertaining, and empowering.

Games can help inspire curiosity, creativity, collaboration, optimism, and problem-solving, all of which are crucial elements in the collective impact to solve the climate challenge. In addition to engaging game designers on the topic of climate change, PoLAR aims to encourage the use of games as effective tools for climate change education and communication among scientists, educators, and students. The open period for submissions will run from March 14 through May 6, 2016. Four finalists will be invited to present their concepts to a jury, live, on stage at the [Games for Change Festival](#) in New York City from June 23-24. One winner will receive a \$10,000 USD prize to support further development of their game.



## CCEP Alliance Spring Meeting

Registration is now open for the 2016 Climate Change Education Partnership (CCEP) Alliance Meeting!

The meeting will be held in **Philadelphia, PA, May 23-25, 2016 at The Franklin Institute.**

More information about the meeting and online registration can be found [here](#).

The deadline to register is **Friday, May 13.**

A block of guest rooms have been arranged at the: [Courtyard Philadelphia Downtown.](#)

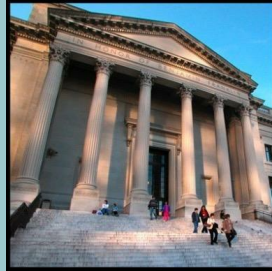
Guest room reservations must be made by individual attendees directly with the Courtyard Philadelphia Downtown using this [link](#).

Hotel room rates are \$179.00 per night for a Single or Double type room. Hotel room rates are subject to applicable state and local taxes (currently 15.5%) in effect at time of check-out. Reservations by

attendees must be received on or before **Tuesday, May 3, 2016** in order to receive the \$179.00 per night rate. All reservations must be accompanied by a first night room deposit or guaranteed with a major credit card.

Please share this with those who may be interested in attending. The agenda will be forthcoming.

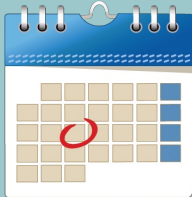
If you should have any questions about the registration or the meeting, please contact [Andrea Gingras](#) at the Alliance Office.



## Save The Date!

**CCEP Spring Meeting**  
and May 23-25, 2016  
**social media.**

Philadelphia, PA  
[Alliance Twitter](#),  
[Facebook](#), [CEP Twitter](#),



[Twitter](#),  
[MADE CLEAR Facebook](#),

## Stay Connected!

**Follow the CCEP Alliance**  
**all the projects on**

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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! To receive the CCEP newsletter and other climate change education resources via e-mail, please e-mail [ccepalliance@etal.uri.edu](mailto: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.

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