

**California Environmental Education Interagency Network
Meeting Minutes**



Date: February 15, 2018
Time: 9:30 AM – 12:00 PM
Location: Resources Building
1416 Ninth Street,
Sacramento, CA 95814

Meeting Leader: Kathy Schultz

Note Taker: Shannon Gordon

Attendee's in-person:

Members:

Shannon Gordon	California Department of Education (CDE)
Janet Mann	CDE
Ed Wong	Cal EPA, Air Resources Board
Christy Porter	Cal EPA, CalRecycle
Susan Knadle	Cal EPA, OEHHA
Cindy Pridmore	Department of Conservation, California Geological Survey
Kathy Schulz	Department of Water Resources
Andy Gordon	CA Conservation Corp.
Laura Drath	California Department of Fish and Wildlife (CDFW)
Lesa Johnston	CDFW

Partners:

Melina Watts	Glenn County Resource Conservation District
Amy Hopperstad	U.S. Fish and Wildlife Service

On the phone:

Members:

Annie Kohut Frankel	California Coastal Commission
Liz Baskins	California Foundation for Agriculture in the Classroom
Sandy Derby	UC Agriculture and Natural Resources
Michelle Ramirez	OEHHA

Partners:

Tom Drake	Association for Environmental and Outdoor Educators
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- 1. Meeting called to order** at 9:30am
- 2. Reviewed Agenda and Passed Around Sign-In Sheet**
- 3. Reviewed Meeting Minutes from the January meeting.** Laura Drath made the first motion to approve the minutes, Andrew Gordon, made the second motion to approve the minutes.
- 4. Reviewed Action Items from the last meeting:**

- a. Shannon will take the lead on drafting new proposed language to replace language in the CEEIN Handbook, website, etc. (a definition of CEEIN) and to continue MOU Announcement approval. This is follow-up on discussion surrounding the use of the term “environmental educators”. (Ongoing)
- b. Members to consider definitions of CEEIN to vote on (Ongoing)
- c. Shannon will work with Chris Hutton to get announcements regarding the California Water H2O Challenge circulated throughout the CREEC Network's email lists; due to CREEC website transition, it will be posted on Region pages of the CREEC website. (DONE)
- d. Ed will place Eric's awards and grant information into minutes and send out with minutes email (Completed).
- e. All members check their information and resources on the CEEIN website and email Annie any corrections (Ongoing).

5. Committee Reports:

Administration and Organization Committee Update:

Melina Watts, Program Development Coordinator/Soil Health Coordinator of the Glenn County Resource Conservation District will be providing a presentation later in the meeting.

Christy Porter made a motion to accept the Glenn County Resource Conservation District as a partner of the CEEIN. Lesa Johnson seconded the motion. No further discussion. The motion passed with 6 agencies voting in favor and 2 abstaining. CDE stated their abstention was to allow all partners, therefore, no vote is needed. CCC abstained echoing CDE's comments and adding that they would like clarity on agency authority to vote on partners.

Ed- Thank you to all who submitted their member background documents; they are store on box.com. Please look at them. They will be internal documents for member reference.

CEEIN bookmarks were available for members to take and distribute at events.

Outreach, Diversity, and Partnerships Committee Update:

Annie- The Coastal Commission is participating in the Government Alliance on Race & Equity 2018 cohort and there are some public events held in relation to that program. I emailed CEEIN an invitation to the Advancing Equity Speaker Series event on February 20th at the California Endowment. The speaker is John A. Powell, Executive Director of the Haas Institute for a Fair and Inclusive Society, on “The Role of Government in Addressing Institutional Racism.” This event is open to any state government employee.

CSTA deadlines for proposals coming up: Short Courses: February 28, 2018
Workshops: May 1, 2018. CEEIN is interested in being a partner strand this year. It was asked if anyone knew if there was going to be an environmental literacy tag this year. Ed and Brian Brown will talk with CSTA for CEEIN. Many members' agencies plan to attend CSTA and present or have an exhibit booth.

Tom Drake announced the upcoming AEOE 2017 - 2018 series of Conferences:

- AEOE Northern Section Fall Conference 2017: October 20 - 22, 2017 at Foothill Outdoor School in Sonora, CA.
- AEOE Southern Section Fall Conference 2017: November 3 - 5, 2017 at Pathfinder Ranch in Mountain Center, CA.
- AEOE Statewide Spring Conference 2018 'Creating a Culture of Science': April 27 - 29, 2018 at Camp Hess Kramer in Malibu, CA.

Leadership and Legislation Committee Update:

Shannon led a discussion where participants were asked to look at handouts which contained suggested statements about what CEEIN is besides an interagency network. There was written feedback provided from partners: Tom Drake and Brian Brown. There was discussion about what CEEIN is summed up in one statement. Members were given a date of February 21, 2018 to submit any remaining ideas for a statement and notified via email; they will receive an email in the future where they will be asked to rank the statements once the list is compiled. The data will be presented at a future meeting.

7. Important Announcements:

Melina Watts presented about Glenn County Resource Conservation District and their [RCD Connects with Kids](#) program, along with comments on work they are doing collaboratively with partners from across the county to grow new on site conservation and agriculture education programs. The presentation and materials were distributed to CEEIN members and partners.

Ag in the Classroom 2018 Conference update. September 27-29. Renaissance Hotel, Palm Springs www.learnaboutag.org/conference

Cindy brought geologic maps for participants and distribution.

8. Action Items from this meeting:

Action item- Ed will put out a request to compile planned session proposal submissions for CSTA.

Action item: Shannon will notify CEEIN members to submit statements by Wednesday, February 21, 2018 for ranking by members through a survey.

9. Formal Meeting Wrapped-Up at: 11:00am

Next Meeting: March 15, 2018
USDA Office
430 G Street #4164
Davis, CA 95616

Meeting Lead: Andy Gordon

Note Taker: Christy Porter

10. Guest Speakers

Elissa Lynn: DWR Staff Climate Change Training

For over 30 years, the California Department of Water Resources (DWR) has studied a changing climate and considered its potential impacts to water management. To keep DWR current with state-of-the-art climate science, and thereby provide the water management community with the best data and information available, DWR continues to conduct collaborative and extensive engagement with the academic and scientific communities.

DWR provides a training open to all employees that provides a basic overview of climate science, specifically as it relates to water resources and supply, and what the agency is doing to adapt to climate change. The training is a mix of fun quizzes and games and information. Space permitting, other state agency staff may attend. Contact Elissa.Lynn@water.ca.gov

The Climate program also funds up to four Project WET workshops each year (starting in 2016, anticipate continuing for the foreseeable future).

Other outreach: Climate news digest, Hydroclimate reports, CoCoRAHS, and work with California Indian tribes.

Climate Animation Music link, with embedded text on what one sees/hears:
<https://www.youtube.com/watch?v=55qYo-wMsTU>

Laura Drath: CDFW Staff Climate Change Training

- CDFW's formal climate education initiative began with the first iteration of the Climate College in 2012. This course provided an overview of basic climate science, impacts to fish and wildlife, and adaptation strategies for California. The format was a once a month in-person (Sacramento) and webcast lecture series with invited speakers who had expertise in each topic. The College was open to all DFW staff and partners
- The second iteration of the Climate College took place in 2014 and was focused on climate change impacts to the marine environment. This format of this course was similar, but the in-person lectures traveled between DFW regional offices. This course was also open to all DFW staff and partners. Course materials from the first and second Climate College are all archived online on CDFW's website: <http://wildlife.ca.gov/Conservation/Climate-Science/Climate-College>
- In 2016 we held our third iteration of the Climate College, but changed the format considerably. We partnered with Dr. Arnold Bloom at UC Davis who teaches a course on climate change. He made all of his lecture recordings and course materials available to DFW staff (very graciously!). Our staff were given a few months to watch the lecture recordings at their leisure and take short quizzes after each class. We also held a discussion section with CDFW staff and Dr. Bloom's students.

- We aim to provide a formal climate education opportunity to our staff every two years. Our next course will take place in 2018! The topic and format of this course are TBD. We are currently exploring how we might focus on particular topics of interest to DFW staff, and/or focus on different geographic regions. Our goal is to help provide information that will ultimately support the implementation of adaptation actions on the ground in California. Stay tuned!

Laura Drath and Kathy Schulz: Strategic Framing for Effective Climate Change Communication

Provided summary of National Network for Ocean and Climate Change Communication (NNOCCI) training, which is based on the principles of Strategic Framing as developed by the Frameworks Institute.

Key points:

- Lead with a value—the two values that have been shown in extensive field testing to have the most universal appeal are Protection and Responsible Management
- Connect the dots for your audience and fill in gaps in understanding using clear, concise explanatory chains and easily understood metaphors such as the Heat Trapping Blanket and the Ocean as the Climate's Heart.
- Focus on solutions, and be sure your solutions match the scale of the problem by avoiding individual actions and highlighting collective actions at the community, region, or state level.

For more information:

www.climateinterpreter.org

www.frameworksinstitute.org

www.frameworksacademy.org (online self-paced course)

What's New in Your World Updates:

EPA- Calrecycle: New curriculum with Ventura County Office of Ed. New blog. New Facebook EEI group.

OEHHA- (Susan) In the middle of environmental toxicology class at UCD. Started California Naturalist Program. Gave USEPA climate indicators book to Carmen in OEHHA.

ARB- Eric C. passed along climate change indicator reports to Ed for distribution. CalEPA Earth Day – April 18. Needs members/partners to do a booth.

CDFW- Laura: NAI Region 9 workshop, March 2-4. CDFW recently had summit of all interpretive, education and outreach staff (including IOs, graphic design unit, etc) in Newport Beach. Presented with Marnin and Virginia on NNOCCI. Gerald Lieberman presented on NGSS. Challenging for staff with no background with NGSS, very helpful for those with background. Live stream steelhead spawning (FB live) on February 27. Lisa – developing educational slap bracelets based on California King and Mountain King snake skin.

UFWS- Amy – new representative, stepping in for Carolyn Kolstad. Based at Stone Lakes Wildlife Refuge. We based interpretation panels on EEI curriculum.

CA Coastal Commission- Whale Tale grants recently approved. 110 grant applications for more than 2.8 million dollars. Approved 18 for \$350k+. We're presenting three educator workshops in March: 3/10 – With USC Sea Grant in LA for middle and high school materials CA Coastal Voices. 3/11 – Waves, Wetlands and Watersheds workshop in partnership with Resource Conservation District of the Santa Monica Mountains in Malibu. CCSS workshop presentation March 23. We had about 2,600 entries into our annual Coastal Art and Poetry Contest and judging is ongoing. The Coastal Commission voted unanimously to have California removed from the federal proposal to open up new offshore oil and gas leases. Public comments are due by March 9.

DWR – New department wide website launched in mid-February. Water Education program did not get its own page in this phase, will be working on creating. Children's water DVDs being burned. Looking into collaborating with Metropolitan Water District to develop a virtual reality tour of the SWP.

CDE- The Next Generation Science Standards for California Public Schools new publication contains the State Board of Education edits to the national Next Generation Science Standards. It also provides connections to California's Standards for Mathematics, English Language Arts, and the Environmental Principles and Concepts. <https://www.cde.ca.gov/re/pn/rc/edresourcecatalog2016.asp#CANGSS>