

# California Environmental Education Interagency Network Meeting



**Date:** Thursday, October 20, 2016 9:30-11:30 AM  
**Location:** Cal/EPA, Sierra Hearing Room (2<sup>nd</sup> Floor)  
1001 I Street  
Sacramento, CA 95814

**Meeting Leader:** Christy Porter Humpert  
**Note Taker:** Laura Drath

**Location Contact:** Christy Porter Humpert

## Attendees:

Lesa Johnston CDFW  
Kelly Kell CalRecycle  
Paul Penn CalEPA  
Ed Wong CARB  
Taran Sahota CARB  
DeAnn Tenhunfeld CFAITC  
Janet Mann CDE  
Lesley Taylor CDE  
Shannon Gordon CDE  
Laura Drath CDFW  
Christy Porter Humpert CalRecycle

## By Phone:

Tom Drake AEOE  
Kathy Schulz DWR  
Susan Knadle (briefly) retired OEHHA, UCD

## AGENDA

- | Item   | Time                 |
|--|----------------------|
| <b>1. <u>Check-in and Catch-up</u></b>   | <b>9:30-10:00 AM</b> |
| <ul style="list-style-type: none"><li>• Welcome and Introductions</li><li>• Review Agenda and Pass Around Sign-In Sheet</li><li>• Review Minutes from June, July, and September meetings<ul style="list-style-type: none"><li>○ June<ul style="list-style-type: none"><li>▪ Minutes altered to correct CFAITC name</li><li>▪ Motion to approve by Lesley, seconded by Ed; approved by voice vote</li></ul></li><li>○ July<ul style="list-style-type: none"><li>▪ No edits; motion to approve by Ed, seconded by Christy; approved by voice vote</li></ul></li><li>○ September<ul style="list-style-type: none"><li>▪ Approval postponed to November meeting to give members additional time to suggest edits</li></ul></li></ul></li></ul> |                      |

- Shannon suggests that members email edits to the meeting's notetaker, or to Shannon or Lesley, to make changes in Box.com
  - Lesley requested that notetakers make every effort to get draft minutes out within about a week of the meeting to facilitate approval at next meeting.
- Review Action Items from September meeting:
  - Lesley T. will send around a poll to check on members availability during week October 24th or first week of November. **(DONE—see committee reports)**
  - Lesley will put copy of Lower American Rivers Conservancy Bill sitting on the Governor's desk into the handouts for today's meeting on box.com (Presentations and Handouts folder). **(DONE)**
  - Greg will forward some materials to all members related to Change Scale hosted a convening August 31, 2016 **(Christy will follow up with Greg)**
  - Janet Mann- \_Update on HSS Instructional Material Reviewer with link to more information about this <http://www.cde.ca.gov/ci/hs/im/> **(DONE)**
  - Please contact Lesley if you have materials you would like distributed at fall Conferences other than CSTA. **(Bring items to Lesley before Nov. 1<sup>st</sup>)**
  - If you know early childhood teachers interested in field testing Project WET Early Childhood draft lessons for ages 3-7, please contact Brian Brown. **(ongoing)**

## 2. Committee Reports and Discussion

10:00 – 10:15 AM

- Administration and Organization
  - Committee updates (Ed)
    - 2017 host list nearly final: May 18<sup>th</sup>—Kathy will be notetaker; June 15<sup>th</sup>—CDE location, Janet will be notetaker; July 20<sup>th</sup>—Shannon will be notetaker. Ed will update list in box.com.
    - Ed, Lesa, and Susan went through a large collection of historical CEEIN documents and organized them into binders; they also tagged 45 to be scanned and uploaded, including:
      - MOUs from 2005, 2000, 1994, and one undated one
      - Justifications for MOUs; benefits and accomplishments from 1993-1996
      - Early handbooks
      - Partner letter from the Sierra Club that could be used in future partnerships
      - An internal CEEIN survey
      - A draft letter by Bill Andrews announcing 24 proposed CREEC coordinators
      - Special meeting to discuss MOU (Lesley)

- Lesley read an excerpt from the 1908 California Schools Report by then Superintendent Edward Hyatt highlighting the importance of educating young people about natural resources
- MOU meeting will take place Oct. 26<sup>th</sup> from 1:00-3:00 at CDE; representatives from all agencies will attend (Shannon, Lesley, Lesa, Christy, Ed, and potentially others)
- Outreach, Diversity, and Partnerships
  - Annie uploaded or will upload a document to box.com where members can post upcoming events we'll be attending so that others can also attend or provide us materials to distribute
- Leadership and Education
  - Nothing to report; question from Christy regarding the timeline and implementation for the recently passed Lower American River Conservancy which the group was unable to answer.

**3. What's New in Your World 10:15-10:35 AM (moved earlier in the agenda due to planned earthquake drill at 10:20)**

- Tom—Recently held Northern and Southern California conferences; about 250 attendees at each. The statewide conference will be held in March at Jones Gulch YMCA Outdoor School in La Honda. Tom asked CEEIN members to help recruit exhibitors and presenters and will send an email to that effect. AEOE is looking to connect more with classroom teachers to deliver content and make connections to NGSS
- Kathy—Flying to CSTA later in the day. Attended the first meeting of the fall 2016 National Network for Ocean and Climate Change Interpretation study circle (with Laura) in September and is flying back to Massachusetts for the second meeting next week. DWR's outreach season is ramping up, with about a dozen events calendared for the year. Kathy will be in Southern California the first week in November for the biannual Water Education Committee meeting, where water district staff are trained in how to align with NGSS and deliver content to classroom
- Shannon—Also headed to CSTA. The Environmental Literacy Steering Committee is organizing a "charrette" on how to improve CREEC. The next ELSC meeting is in early November. Shannon and Janet's division has a new director, Brent Maliote (replacing Carrie Roberts). Maliote reports to Tom Adams, who has been very supportive of EE integration across subjects.
- Janet—CDE is holding an internal GIS day on November 15<sup>th</sup> to see how GIS is currently being used within the department. If you are aware of GIS resources currently in use in the classroom, please send them her way.

- DeAnn—working on drafting and editing “What’s Grow’ On?,” which is focused this year on Agriculture and the Environment. CEEIN members have helped with review the drafted content. CFAITC held their annual conference in September; about 180 teachers attended and took part in workshops, exhibits, and farm field trips. DeAnn thanked Ed for bringing an exhibit and Brian for leading a workshop. Jennifer from CFAITC is at CSTA to do a workshop on plant nutrient needs.
- Ed—encouraged CEEIN members to participate in CalEPA’s Take Your Child To Work Day on April 19<sup>th</sup>. He also passed out a flyer for SMUD’s annual solar regatta, May 5-6<sup>th</sup> at six locations statewide (locally at Rancho Seco). Ed helped stuff registration packets for the 1700 people registered for CSTA, tabled at SMUD’s very popular Tiny House competition, and provided materials to two Forest Institute for Teachers workshops.
- Christy—together with Bryan Ehlers, presented on incorporation of the Environmental Principles and Concepts into the draft science framework at the CDE STEM symposium. They focused on the “vignettes and snapshots” in the framework that describe what it looks like to teach EE at every grade level. There is a webinar on teaching social science standards using EE on October 25<sup>th</sup> and Christy asks that members help get the word out. Jerry Lieberman is giving a presentation at CSTA on using the environment as a lens for teaching NGSS. Joyce Hill of the Monterey Bay Science Project is consulting with Cal Recycle on revamping EEI teacher trainings to have an NGSS focus (with the goal that the training will be high-quality professional development for teachers). Office Tech Cathy has promoted out, so there will be a vacancy coming up. The office’s supervisor has retired; Christy doesn’t know yet what classification will be assigned to fill that vacancy.
- Laura—attended NNOCCI Study Circle with Kathy and statewide summit of CDFW interpretation, education, and outreach staff with Lesa in September. Returning to Massachusetts for NNOCCI next week, then the fish ladder at Nimbus Hatchery opens on November 2<sup>nd</sup> and school tours and public visitation will skyrocket through the end of the year. Laura has taken the role of coordinator for the Capitol/Foothills Region of Project WILD following Linda Desai’s retirement. This is a volunteer position separate from work duties.
- Paul Penn—Introduced himself as an emergency manager at Cal EPA and head of the Refinery Safety Program. Paul was an early and active member with CEEIN. His work focuses on the environmental impacts of emergencies such as floods, fires, earthquakes, etc. He stated that the Valley and Butte fires resulted in costs of \$200 million for rehab of residential homesites, as well as heavy exposure of children and families to ash, asbestos, plastics, etc.  
 Paul would love to see outreach to children in areas around refineries in the future. The CalEnviroScreen 3.0 database is being updated and will go public soon; as is a project to make public a database on companies with pollution violations. Reports are coming out from OEHA and Cal EPA with data on refinery pollution and there are plans to present this information to

communities surrounding refineries with presentations targeted to both technical and lay audiences.

Paul offered his help as a conduit to potentially move the MOU up within Cal EPA.

- Lesley—the most recent ELSC was focused on Diversity, Equity, and Inclusion. On Oct. 13<sup>th</sup> committee members toured Glen Park School in San Francisco to see what environmental literacy looks like in action, and it was gratifying to see that a lot of it was based in school sustainability activities—recycling programs, green school design, transportation, etc. There was also an evening event with Torlakson and others, sponsored by Ten Strands, that focused on catalyzing support for the process.

Lesley participated in the STEM Symposium; there is a conference app with almost all of the sessions uploaded and available to view. She is headed next to the Green California Schools Summit in Pasadena; CEEIN members are invited to join her there and attend the education workshop strand for free. Green Ribbon School applications are being accepted until December 23<sup>rd</sup>.

- Lesa—thanked Lesley for sharing the 1908 school report; Lesa has been researching the history of education within CDFW, which began with the 1914 Bureau for Education, Publicity, and Research. The statewide CDFW education summit in September was very successful and should help staff work more collaboratively. Lesa has been asked to update the CDFW operations manual section on interpretation, education and outreach and is creating a resource document for department employees with guidance on, among other things, developing instructional materials for classrooms. She asked if other CEEIN members might like to collaborate on this.

Lesla has been overseeing the distribution of Project WILD materials for the Department since the departure (to CDE) of Carol Singleton. Lesla oversees the National Archery in the Schools Program, which works to train PE teachers on using archery; the program will be holding its first ever live (as opposed to virtual) archery tournament at Sierra College in Rocklin on February 4<sup>th</sup>. Archery is a great vehicle for STEM concepts and also compliments high school outdoor skills units. CDFW had a booth at Native American Day on September 23<sup>rd</sup> that sold reduced-fee fishing licences for Native people; the booth and the program were very popular at the event.

#### **4. Guest Speaker, Kelly Kell, Marketing Director, CalRecycle's Office of Education and the Environment**

**10:55-11:25 AM**

- Kelly gave our group an overview of the Office of Education & the Environment's marketing tactics for reaching K-12 teachers to promote use of the Education & the Environment Initiative (EEI) Curriculum. EEI recently hit the milestones of distributing over 10,000 Teacher Kits and 1 million student kits of the EEI Curriculum. Strategies covered included email campaigns, the Salesforce customer management system, and Marketo automated email management.

5. **Meeting Wrap-Up**

**11:25-11:30 AM**

Next Meeting – November 17, 2016, at Sacramento City Unified School District  
Optional afternoon Field Trip/Service Project at Bret Harte Elementary  
Guest Speaker: Karen Cowe, Ten Strands  
Meeting Lead: Shannon Gordon; Location Contact: Lesley Taylor  
Note Taker – Brian Brown

**Action Items:**

- Lesley will send email with details for MOU meeting on Oct. 26<sup>th</sup>
- Lesley will send a link to CDE contact list of school district administrators and principals: <http://www.cde.ca.gov/ds/si/ds/pubschls.asp>
- Tom will send details on the statewide AEOE conference to the group