

**California Environmental Education Interagency Network  
Meeting Minutes**



**Date:** Thursday, April 20, 2017  
9:30-11:30 AM

**Location:** Resources Agency Building,  
1416 9<sup>th</sup> Street, Sacramento,  
14<sup>th</sup> floor, Room 1431

**Meeting Leader:** Heather Holm  
**Note Taker:** Susan Knadle

**Attendee's in-person:**

Heather Holm CSP  
Shannon Gordon CDE  
Brian Brown Project WET, Water Education Foundation  
Ed Wong CARB  
Christy Porter Humpert CalRecycle  
Greg Ira CA Naturalist  
Lesa Johnston DFW  
Susan Knadle (Retired) OEHHA, UCD  
Annie Kohut Frankel CCC  
Kathy Schulz DWR  
Ingrid Van Dijk CSP  
DeAnn Tenhunfeld CFAITC  
John Fraser CSP

**On the phone:**

Tom Drake AEOE

**AGENDA**

**1. Meeting called to order at: 9:38 am.**

- Welcome and Introductions
- Review agenda
- Pass Around Sign-In Sheet
- Review Meeting Minutes
  - Postpone reviewing minutes from March 2017 meeting until next month
- Review Action Items from March 2017 meeting
  - Heather to upload photos to Box – DEFERRED
  - Shannon will discuss new information on SB408 under Committee reports
  - Ed will modify the minutes posting deadline – DEFERRED
  - Ed will modify the agenda and notes templates - DEFERRED

**2. Committee Reports:**

**Administration and Organization Committee Update**

- John Fraser, Acting Chief, Division of Interpretation and Education, CA State Parks, anticipates Natural Resources Secretary Laird will sign MOU on Tuesday, April 25<sup>th</sup>.

- Administration and Organization Committee (AOC) members are evaluating partnership application materials submitted by Katie Harrell, Chair of the California Firewood Task Force. If there is a favorable AOC response, the materials will be forwarded to CEEIN members for a vote at the May 18, 2017 meeting.

**Leadership and Legislation Committee Update:**

- Legislative bill SB424. Shannon says it is early in the process for SB424 and changes will most likely end up being made. At present, it puts CDE into awkward position because it marks education funds which are used by many programs in CDE. CREEC gets \$400,000 from the Environmental License Plate Fund which is marked for the environment, and it would be great to get more funds marked for environmental education from other sources like the Environmental License Plate Fund. The Environmental License Plate fund has multiple categories, only 1 is education. There are no surplus funds for this year; SB424 is requesting to use Proposition 98 funds. Ten Strands is supporting it and sending out requests for letters. CDE has not taken a position on SB 424 yet. A bill that was chaptered last year for computer science education established a fund which could use state funds as well as private funds and have them set aside for computer science education. At this time they don't have the money yet, but this idea of pooling funds for computer science education could really help computer science education. After-School Education programs also get money from state and private funds. So there are many models out there of how to mark funds for particular education programs. Senator Allen said the bill was approved with amendments in the hearing yesterday, so maybe an amended version will be available soon. There is a non-profit organization called the California Environmental Education Foundation; it was set up with help from Bill Andrews. They now have a track record of receiving grants and using them to promote environmental education in certain regions of California. Private companies could give money to them to support programs like CREEC. Chevron is supporting STEM Education.
- Environmental Literacy Steering Committee (ELSC) Update. Shannon said to please read the email distributed in April from Ten Strands with an ELSC Update. The ELSC is providing something for the current CREEC Network that is coming up. They are providing 2 two-day meetings with training for current CREEC Coordinators this year. The first one is June 9–11, 2017. Funds raised by Ten Strands for the ELSC is paying for participants' transportation, meals, and lodging at Rancho El Chorro Outdoor School. The second meeting is being planned for fall 2017.

**Outreach, Diversity, and Partnerships Committee Update:**

- Kathy Schulz reported that soy ink and special printing on the CEEIN brochures would be very expensive. If CEEIN brochures didn't have soy ink and special printing, DWR could do several thousand at a time for free. Heather said CSP will do the layout; she just needs the text and positions of the photos. The brochures can be two sided, and can be bookmark size or about half of an 8 x 10. It is better to get our order into DWR before May 15; otherwise we will need to wait until July 15 because they have other brochures to set up. CEEIN members agreed that the Communications Committee can be responsible for choosing the photos to be in the brochure.
- There is no word from CSTA about how many proposals they have accepted that mention environmental literacy or were submitted by CEEIN Members. The discussion from the last CEEIN meeting regarding CEEIN's involvement in the CSTA environmental literacy strand was continued. Shannon said CDE has a good relationship with CSTA, and she offered to help CEEIN reach out to CSTA to help keep an environmental literacy strand in the conference in the future years. Shannon will remind Annie in July.

### 3. New Business

- Greg: Environmental Education Certification came up at AEOE meeting – notes were sent to everyone in CEEIN. NAAEE provides an environmental education certification. The certification is not based on trainings; you need to submit a portfolio. 13 states have a certification process for an environmental education certification; Kentucky and Colorado have submitted their application for certification. Kentucky focuses on non-formal education providers since they already have certification for formal education providers. Questions to consider: Would this certification produce more hurdles that will make it harder for people to enter this field? Will it improve environmental education? Is there a demand from formal and nonformal educators? Will all costs be covered by fees? What does the California Outdoor School Association (COSA) think of this? Greg said Celeste Royer, the President of COSA was at the meeting. The Discussion occurred about state teacher credentialing. Teacher credentialing is handled by an agency that is not CDE; California Commission on Teacher Credentialing (CCTC). They certify state teachers and provide the tests and guidelines for each type of credential and academic subjects. Discussion occurred about the different types of credentialing people knew about; Biological Sciences, Geoscience, etc. There is not a teaching credential for Environmental Education, but maybe it can be listed on a teaching credential in some way; we would need to consult with CCTC. CCTC is adjusting teaching credentials to new science standards. Discussion occurred about whether pre-service or in-service teachers would be interested in environmental education certification.
- Ed: A small number of CEEIN members do have credentials and have taught in the classroom. Will people have to take time and pay for additional courses?
- Shannon: when entities providing environmental education require their staff to have a formal teaching credential, it can inhibit some people from applying and doing environmental education.
- Tom: Some High School teachers do environmental education. Some kind of certification would be useful for AEOE employees.
- Ed: Do you need to renew it every 5 years? Yes.
- Greg: Think of these questions. It will be good for members to come prepared to discuss them with Reed Schneider of AEOE when he comes to CEEIN meeting next month.
- Kathy Schulz: The National Association of Interpretation requires recertification every 5 years to be an Environmental Planner, or an Environmental Interpreter. Some are needed to do education too.
- Greg: For the California Naturalist program, *they need?*

### 4. What's New in Your World

#### **Presentation by Ingrid Van Dijk on the California State Parks Summer Learning Program**

The David and Lucille Packard Foundation 2008 provided money for the strategy of linking the California State Parks Summer Learning Program with existing after-school programs:

- 600 summer programs in CA
- 7 years of funding, hope that they would be sustainable

2009:

- Introduced students to State Parks through in-house programs
- Natural History lessons given by 1-day exposures through hikes, going wading in a creek, riding in boats to look at the shoreline through binoculars. These trips may be 15-20 min from their home
- Beach and Shoreline activities – sometimes just pick up debris, play on the beach, learn about

- Water Safety by going kayaking
- Cultural History about the area in which they live: citrus growing, American Indian crafts, or candle making
- Scientific and Water Quality studies – look at the small animals that live in creeks and the quality of water they need to survive
- Overnight campouts; California State Parks provided all equipment

2016:

- Funding from Packard Foundation ended, but California State Parks expanded programs
- Family camping
- Pilot programs in the Bay Area
  - Outdoor Afro, Latino Outdoors, Bahia Vista Family Center
- San Diego – Boys and Girls Clubs
- Los Angeles – Community Liaison Project – just open
- PORTS Participation
- Los Angeles community group. The Los Angeles River has some riparian areas even though it is lined with concrete, and it has enough water to go kayaking. Students learned about water quality and animals in riparian areas. The land was an old crescent-shaped rail yard, but the community wanted a park, so it is sandwiched in between. Questions? Contact Ingrid van Dijk [Dijk@parks.ca.gov](mailto:Dijk@parks.ca.gov).
- Coastal Conservancy (Whale Tail License plates). There is less money this year.
- Ed suggested that the cultural history would be more meaningful to families, especially for parental involvement, if it focused on the local contributions of individuals/families of a specific culture, e.g., Latino, African American, Asian, etc. Ingrid said in the Bay Area, they took kids to the immigration processing camps at Angel Island. Ed suggested that, similar to Hanauma Bay State Park on Oahu Island, California State Parks (CSP) could require firsttime visitors to watch a video before entering a park so they can learn about the major flora and fauna, preservation, conservation, and safety rules for the park. Many State Parks have multiple entrances and Ed suggested this requirement can apply to those with only one entrance. CSP is trying to build cultural competency, but this is a statewide and not local effort.
- There is a State Parks Foundation brochure for teachers and it is on the State Parks Foundation website.

Heather:

- Planning for the 2017 season of the Summer Learning program is underway.

Shannon:

- We redid the CREEC website this year with money from the Environmental License Plate fund, but the contract ends June 30, 2017. Not as much money from the Environmental License Plate fund will be able to go into funding a website for the CREEC Network after this year. If you look at the website you will see some updates have been made. There is a calendar. There is a searchable list of EE Providers with links to their websites.

Brian: California Project WET:

- Project WET's new Early Childhood module is now available. Will be introducing PWET Facilitators to module in May and SMUD is funding a couple of ECE workshops per year through 2019.
- Project WET updated, detailed correlations for Project WET Guide 2.0 went live on March 30, 2017. Correlation team will be working on final edits for NGSS documents for all Guide 1.0 activities through the summer.
- Preparing for the usual round of summer institutes – Floodplain Ecology, Forestry – and Climate Change workshops in Bishop & Merced.

DeAnn: CFAITC:

- What's Growin' On? Agriculture and the Environment is available for order online. If CEEIN members would like additional copies for events, please let me know ([deann@learnaboutag.org](mailto:deann@learnaboutag.org)). ☐
- A new fact sheet about Bees is completed and ready to be shared. Check it out on our website at [learnaboutag.org/factsheets](http://learnaboutag.org/factsheets) and let me know if you need copies.
- CFAITC Annual Conference: Join us in the heart of California Agriculture, July 14-15, as we Grow our Future. We are accepting applications for Make & Take hands-on activities, A Taste of California Table Hosts, and Exhibitors. The conference is in Visalia at the Wyndham. Please apply at [learnaboutag.org/programs/conference.cfm](http://learnaboutag.org/programs/conference.cfm) or contact Liz Baskins at [liz@learnaboutag.org](mailto:liz@learnaboutag.org).

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Ed:

- Participated at the EnergyConservation Fair held at Kit Carson International Baccalaureate Word School on March 17th. Staffed a booth and watched 8<sup>th</sup> Grade classes give presentations to students on energy conservation, sustainability and climate change. Various student booths and they used homemade solar ovens to bake cookies as treats for students.
- Watched and provided constructive feedback on practice presentations given by seven Elk Grove High School Future Farmers of America students. They were preparing for an Ag Issues Forum State Competition to be held May 6 and chose the topic on SB 1383, ShortLived Climate Pollutants.
- Participated in the CalEPA Earth Day/Take Your Child to Work Day on April 19<sup>th</sup>. Was successful with over 500 attendees. Wish to thank CEEIN members for their support and participation.

Christy Porter Humpert:

- Christy and Bryan Ehlers will be attending NGSS Rollout #4 in Stockton on May 3-4.
- CalRecycle has a new contractor for printing and order fulfillment of the EEI Curriculum. There will be a delay in shipping of orders until early May.

Greg:

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Lesa:

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Susan:

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Annie:

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Kathy:

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DeAnn:

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Tom:

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## 5. Meeting Wrap-Up

Action Items:

- Ed has his two items from last week.
- Heather needs to have California State Parks staff person suggest a layout and to upload photos from Annie to BOX.
- Everyone should edit the April minutes that are put into BOX.

- Members of the Outreach, Diversity, and Partnership Committee need to agree on the text and size (bookmark or half-page size) of CEEIN brochure and send to Heather.

Next CEEIN Meeting:

May 18, 2017

Location: American River Water Education Center at Folsom Dam

Meeting Lead: Brian Brown

Note-taker: Kathy Schulz

Formal Meeting Wrapped-Up at: 11:30 AM

## **6. Follow-Up Discussion**

CEEIN Guidelines for Developing Education Materials Subcommittee – In attendance were:

Shannon Gordon

Christy Porter Humpert

Annie Kohut Frankel

Greg Ira

(PLEASE ENTER NAMES).