

**California Environmental Education Interagency Network Meeting**  
**March 19, 2015, 9:30 – 11:30 a.m.**  
**California Environmental Protection Agency Building**  
**1001 I Street**  
**Sacramento, CA 95814**

Meeting Leader: Christy Porter Humpert

Note Taker: Lesley Taylor

**Attendees:**

Chris Breazeale, California Department of Education  
Laura Drath, California Department of Fish and Wildlife  
Annie Kohut Frankel, California Coastal Commission  
Shannon Gordon, California Department of Education  
Christy Porter Humpert, CalRecycle  
Lesa Johnston, California Department of Fish and Wildlife  
Susan Knadle, Retired OEHHA  
Carolyn Kolstad, US Fish and Wildlife Service  
Michelle Robinson, California Department of Water Resources  
Carolyn Schimandle, California State Parks  
Lesley Taylor, California Department of Education  
Ed Wong, Air Resources Board

**Calling in:**

Brook Gamble, California Naturalist Program

**1. Check-in and Catch-up**

- Christy Porter Humpert called the meeting to order.
- February minutes were approved with changes that Christy will make.
  - In the future, minutes can be edited on Box.com prior to the meeting.

**Action Items from February 2015 meeting**

- Lesley will finalize approved Nov. 2014 and Jan. 2015 minutes and send to Annie for posting on the Coastal Commission/CEEIN web site (DONE).
- Lesley will send Box.com invitations to members (DONE).
- Ed will follow-up with members who submitted workshop proposals for the Oct. 2-4 CSTA Conference in Sacramento (DONE).
- Ed will follow-up with Annie on updating the Roster for posting (DONE).
- Ed will meet with Carolyn Schimandle and pass her the draft changes to CEEIN Handbook for further development and eventual completion (DONE).

- Chris will send Ed the link of the 2014 Science Safety Handbook for distribution (DONE).
- Chris will send Ed the Phase II NGSS roll-out dates for distribution (DONE).

## **2. Committee Reports and Discussion**

### **• Administration and Organization**

- MOU update – Paul Penn will help secure the Cal/EPA signature via the Deputy Secretary; Ed will prepare a “CEEIN basics” presentation to support this effort. Need to identify Deputy-level contacts at the remaining agencies that need to sign.
- CEEIN Handbook – Ed will be working on the update.
- Roster changes – Linda Desai from the Placer Nature Center will join as the Project WILD Coordinator. Because Sandy Derby (California PLT State Coordinator) is an employee of UCANR, she will be moved from CEEIN Partner to CEEIN Member.

### **• Communications and Outreach**

- CEEIN members have submitted 7 proposals for the CSTA Conference, October 2-4.
- Cal/EPA Earth Day event on April 22 will include about 35 booths; 16 booths are coordinated by CARB and 8 are CEEIN members. Additional members are invited to participate in the event.
- Sac State’s Earth Day celebration will be on April 16; members are invited to give materials to Lesley for display.
- Members expressed renewed interest in an internal CEEIN events calendar. Annie will start the calendar and upload it to Box so that all members can contribute.

### **• Diversity, Leadership and Legislation**

- [AB 988](#) (Stone) – The bill proposes an environmental education grant program using State Parks land. Shannon completed a bill analysis for CDE, which included a recommendation to strengthen the requirements for program quality such that grantees would meet at least three out of seven specified qualities (instead of only one). CEEIN is named in this bill, to be consulted during program development.
- [ACR 17](#) (Chang) – The resolution designates April 5-11 as Women and Girls in STEM Week.

## **3. Next Generation Science Standards Group Activity**

- Members received an orientation to the CA NGSS as “three-dimensional learning” implementing three elements: science and engineering practices (SEPs), crosscutting concepts, and disciplinary core ideas.

- Christy, Shannon, and Annie led the group in an activity to become more familiar with the SEPs featured in the CA NGSS. This activity was designed for nonformal environmental education providers and was originally featured at a “ChangeScale” workshop in the Bay Area last fall.
- Guidance shared by CEEIN members includes:
  - Focus on the three elements, not the student’s performance expectation.
  - Review the NGSS appendices, which cover grade spans.
  - Use current content to pull in the SEPs and cross-cutting concepts.
  - Practice the SEPs with existing curriculum, such as the EEI.
- Chris provided an update on CA NGSS implementation
  - Phase 1 (“Awareness”) is nearly complete
  - Phase 2 (“Transition”) starts April 13-14, 2015 at CDE. CEEIN members are invited to attend one of these roll-out meetings; please e-mail Chris with the location you would like to attend.
  - Full implementation is estimated for the 2018-19 or 2019-20 school year.
  - Online trainings are available:
    - Welcome: <http://workshops.sjcoe.org/Session/PrintSessions/137>
    - Administrator Session: <http://workshops.sjcoe.org/Session/PrintSessions/115>
    - Lesson: <http://workshops.sjcoe.org/Session/PrintSessions/114>
    - NGSS and Common Core: <http://workshops.sjcoe.org/Session/PrintSessions/113>
    - Middle Grades: <http://workshops.sjcoe.org/Session/PrintSessions/112>
    - Performance Expectations: <http://workshops.sjcoe.org/Session/PrintSessions/111>
    - Tool: <http://workshops.sjcoe.org/Session/PrintSessions/110>
    - NGSS 101: <http://workshops.sjcoe.org/Session/PrintSessions/108>
    - NGSS 102: <http://workshops.sjcoe.org/Session/PrintSessions/109>
- The next California Science Framework meeting will be held at CDE on March 26-27, 2015. The meetings of the Science Curriculum Framework and Evaluation Criteria Committee (CFCC) are public; Jerry Lieberman intends to deliver public comments on the afternoon of March 26 if members would like to attend.

#### **4. What’s New in Your World**

**Brook (California Naturalist)** – Brook thanks CEEIN members for sharing the recent UCANP job announcement. She will be attending the [Science for Parks, Parks for Science](#) event March 25-27 at UC Berkeley and has submitted a proposal for the NAAEE annual conference in the diversity strand.

**Ed (CARB)** – Invites members to participate in Cal/EPA Earth Day on April 22 and the EEI Resource Fair at the Green California Summit on April 8 at the Sacramento Convention Center, contact Kami Wong (CalRecycle) regarding participation.

**Lesley (CDE)** – The 2015 California Green Ribbon Schools were announced by Superintendent Torlakson on February 20<sup>th</sup>. Read the press release [here](#).

**Susan (retired OEHHA)** – Susan will be presenting to the Society of Toxicology on why kids are more sensitive receptors than adults.

**Christy (CalRecycle)** – Christy attended the A Garden in Every School Symposium from Soil Born Farms, March 14-15, 2015. The EEI will host four webinars on school gardens in April and May, and also has teacher scholarships available for the Green California Summit for teachers who have not yet been trained in the EEI curriculum.

**Shannon (CDE)** – A draft of the Blueprint prepared by the Environmental Literacy Task Force will go to CDE leadership in May.

**Laura (CDFW)** – Nature Bowl semi-finals will be held at 8 sites, including Nimbus (April 14<sup>th</sup>). The finals will be held at Sac State in May.

**Lesa (CDFW)** – [Conservation Lecture Series](#) might be good professional development for teachers; Shannon suggested outreach via the CREEC Network.

**Carolyn (USFWS)** – Carolyn was pleased to see one of her Schoolyard Habitat projects featured in the University of Washington alumni magazine.

**Michelle (DWR)** – The [Draft Strategic Plan](#) for the Groundwater Sustainability Program is available now for public comment.

**Annie (Coastal Commission)** – Sea Grant's [Summer Marine Lab](#) at Catalina has seven open slots. The Coastal Commission's [Art and Poetry Contest winners](#) will be announced by March 27, 2015.

### **Action Items**

- Ed will make sure the roster changes are reflected in Box.
- Annie will upload a calendar framework/template to Box for members to update.
- Members will email Chris if interested in attending a CA NGSS roll-out meeting.

**Next meeting** will be at the Water Education Foundation (1401 21<sup>st</sup> Street, Suite 200) on April 16<sup>th</sup>. Brian Brown will be the host and Susan Knadle will be the note taker.