

**MEETING NOTES**  
**California Environmental Education Interagency Network**  
**Thursday, October 16, 2014, 9:30-11:30 AM**  
**Cal/EPA, Room 230**  
**1001 I Street, Sacramento, CA 95814**



Meeting Leader: Ed Wong  
Note Taker: Susan Knadle

**Attendees:**

Chris Breazeale	CDE
Brian Brown	Project WET
Christy Porter Humpert	CalRecycle
Lesa Johnston	CDFW
Kelly Kell	CalRecycle
Susan Knadle	UC Davis/Retired OEHHA
Donna Pozzi	CA State Parks
Jessica Sawko	CSTA
Lesley Taylor	CDE
Ed Wong	CARB

**On Phone:**

Sandy Derby	Project Learning Tree
Annie Kohut Frankel	CA Coastal Commission
Carolyn Kolstad	USFWS

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

Action Items from September 2014 meeting:

- Note takers/meeting leads from May and June 2014 meetings should forward final minutes to Annie for website (DONE).
- Annie will contact Anne Stephens and Lana McAllister about CEEIN Handbook revision (DONE).
- Ed will ask CEEIN members for questions/suggestions for next month's CSTA speaker (DONE).
- Donna will email air dates for "Becoming California" (DONE).
- Ed will share webcast link to climate change symposium (DONE).

**2. Committee Reports and Discussion**

**Administration and Organization**

- CEEIN Handbook – Lana is not here so wait for next month.
- Ed passed around the 2015 CEEIN Host List for sign-up.
- Ed took an informal count of people interested in attending Pepperwood Preserve in Santa Rosa on September 17, 2015.

### Communications and Outreach

- Annie said that we have a website and a brochure.
- NSTA-CSTA Conference on Dec. 4-6, 2014. Jessica will take CEEIN brochures to the Conference. Annie will present, Sandy Derby of Project Learning Tree will present, and Brian Ehler will present EEI.
- Cal/EPA Earth Day, April 22, 2015 – Ed will be in touch with people for booths.
- CSTA October 2-4, 2015 Conference in Sacramento. Jessica has part of blueprint for environmental ed. Have information on implementation of NGSS
- California Naturalist Conference starts Friday, Oct. 17, and Donna will give one-minute speech about CEEIN, and one-minute speech about CA State Parks. She'll also bring CEEIN brochures.

### Diversity, Leadership and Legislation

- No reports.

### **3. What's New In Your World**

Lesa Johnston (CDFW) - gearing up for busy bird migration season. Wildlife areas are trying to provide food for migrants. Hoping to open fish ladders if there is more rain.

Christy Porter Humpert (CalRecycle) - EEI is giving 2-3 trainings/week at schools; trying to set up Market tool as an automatic way to respond to requests for EEI materials. They are improving lists of items and trying to get a new company to print EEI materials for teachers. The History/Social Science framework is undergoing revision at CDE, and the Science framework is being developed. .

Brian Brown (Project WET) - holding field trips on water issues in the Northern California Sacramento Valley on October 22-24 and on San Joaquin Water Restoration, November 6-7. He is holding a Project WET Common Core workshop and a Stanislaus workshop on NGSS through the Water Education Foundation.

Lesley Taylor (CDE) - Green Ribbon Schools Program gives awards for exemplary schools and they are now accepting applicants which are doing great work in Environmental Ed. Information is on the CDE website under "Green Ribbon Schools Program". Lesley will be presenting the winners at the Green California Schools Summit in Pasadena.

Chris Breazeale (CDE) - on the Environmental Literacy Task Force that will present its findings to Superintendent Tom Torlakson. They will have a Listening Session Nov. 5 during the Green School Summit Nov 4-6. The statewide CREEC Coordinator position (Anne Stephens' former position) is open until Oct. 17. There will be other duties because it is a 60/40% position.

Sandy Derby (Project Learning Tree) – conducted "Train the Trainer" with Kay Antunez (the first for Sandy, the last for Kay). Looking forward, the National PLT is coming out with new ideas and creating partnerships with CA Extension and the CA Naturalist Program.

Annie Kohut Frankel (CA Coastal Commission) - announced Whale Tail Grants opened until Nov. 1. See website at [www.coastforyou.org](http://www.coastforyou.org). At the recent Coastal Cleanup Day, 62,000 people came and 150,000 lbs. of trash were hauled away. There was a good turnout in Humboldt County. She recently presented on the Commission's Schoolyard Habitat Program for Community Resources for Science.

Carolyn Kolstad (USFWS) - announced that there is a Facebook page for the Schoolyard Habitat Program which has funding from the National Wildlife Program. See <https://www.facebook.com/SchoolyardHabitat>. She said that the Monarch Butterfly may be listed as threatened.

An online curriculum, Natures Voices, aligned with Common Core, is in pilot phase now. See stories on <http://www.naturesvoices.org/usfws/>. The USFWS is partnering with National Green School Alliance on the project Green School Network. Any school in the country can apply to become a green and healthy school. See <https://greenschoolsnationalnetwork.org/green-print/>.

Ed Wong (CARB) - participated in the Boy Scouts of America, STEM Encampment, at the Alameda County fairgrounds on Oct. 11. Ed is also participating in the first Biennial Statewide CA Naturalist Program Conference in Asilomar, Oct. 17-19. Ed gave out a number of handouts and materials that included the DVD, "We've Got the Power" funded by the Professional Engineers in California Government, showing alternative energy sources to fossil fuels; a "Primer on Climate Change Science" booklet by the National Association of Clean Air Agencies. He said the <http://www.CoolCalifornia.org> website shows how one can calculate one's carbon footprint and reduce emissions.

#### **4. Guest Speaker – Jessica Sawko, Executive Director, California Science Teachers Association (CSTA)**



California Science Teachers Association (CSTA).pdf

CSTA has been in existence since 1944. Most members are K-12 science teachers and other science-interest people. They don't have that many 4-year biology professors. It was the only organization for policy and advocacy, but since NGSS there are additional groups. CSTA works with the State legislature. CSTA tries to focus on what is best for science, but middle school science has been a problem between integrated and disciplined proponents, so CSTA walked the middle ground. No Child Left Behind and other national programs are usually done by NSTA.

CSTA will hold its conference with NSTA on Dec. 4-6, 2014 in Long Beach. CSTA is the largest organization for science educators statewide and publishes California Classroom Science. People can write for it – they have a list of topics for each month. The recession reduced the number of people coming to CSTA conferences. Textbook Adoption process brought more people to CSTA conferences. STEM is now competing, but NGSS is bringing people back into CSTA. The Journal was suspended, but there is talk about bringing it back. CSTA is on Facebook at <https://www.facebook.com/CaliforniaScienceTeachersAssociation>

They post professional development events if the cost is <\$100.

### Policy and Legislative Accomplishments

- ELA/ELD curriculum framework – CSTA actively lobbied to take out recommended instructional minutes for English Language Arts
- CSTA lobbied against reducing high school science graduation requirement from 2 yrs. to 1 yr.
- CSTA lobbied for change from “no more than 25%” to at “least 25% time hands-on instruction”.
- CSTA has closely followed the science adoption throughout 2005 and 2006 to try to ensure the integrity of the process. During the 2006 adoption, CSTA conducted a “parallel” review.

### Environmental Science

- CSTA Supports environmental science at an equal level with chemistry, biology, etc.
- CSTA appreciates CEEIN as a partner – appreciates the strand of workshops at CSTA conferences
- Long Beach Area Conference Dec 4-6, 2014. California Wet/Water Education Foundation and Chevron will be featured.
- CSTA encourages people to have tables for the NGSS Science & Engineering Showcase at the NSTA-CSTA conference. Deadline is 10/20/2014

CSTA members who present will pay only 50% of the registration fee at the Oct. 2-4, 2015 CSTA Education Conference.

### Answers to Questions:

- Common Core has been adopted so everyone should align presentations/curriculums to it.
- NGSS is still under discussion. No one lesson will cover an entire standard – the performance expectations are the endpoint. Chris said that “no one lesson will cover an entire standard. Project WET and PLT activities will fit” They do not have to be rewritten. Activities will be incorporated into the larger plan.

On CDE website, look at <http://www.cde.ca.gov/pd/ca/sc/ngssintrod.asp> for the NGSS standards, and Frequently Asked Questions on <http://www.cde.ca.gov/pd/ca/sc/ngssfaq.asp>. Search for NGSS on the CDE website and find other CDE websites with NGSS information.

Rollouts are now in “Awareness phase” and there are 2–day leadership awareness conferences in “Train the Trainers” format. Chris will send out information to each CEEIN member. Next year is Transition phase. People can come to the training and take it back to their districts so there will be Trainers and Co-trainers. The year after Transition is Implementation.

## **5. Meeting Wrap-Up**

### Action Items:

- Ed will provide the “Becoming California” streaming video link from Annie to members.
- Ed will provide the Yolo Basin Foundation home page link from David to members.
- Jessica will provide a PDF copy of her CSTA presentation to members.
- Ed will send a packet of the CARB-related handouts to Sandy Derby, Carolyn Kolstad, and Annie Kohut Frankel.
- Ed will forward Chris’ NGSS links to members.
- Ed will survey members for tentative plans to attend Sept. 17, 2015 CEEIN meeting trip to Pepperwood Preserve in Santa Rosa.
- Ed will contact Lana about CEEIN Handbook update for Nov. 20 meeting.

### Next Meeting:

- November 20, 2014, Nimbus Fish Hatchery, Rancho Cordova
- Meeting Lead and Location Contact - Lesa Johnston
- Note Taker – Brian Brown