

California Environmental Education Interagency Network Meeting Minutes



Date: February 16, 2017
9:30-11:30 AM

Location: California Foundation for Agriculture in the Classroom
2300 River Plaza Drive, Harvest Room
Sacramento, CA 95833

Meeting Leader: DeAnn Tenhunfeld
Note Taker: Sandy Derby

Attendees:

DeAnn Tenhunfeld, California Foundation for Agriculture in the Classroom
Liz Baskins, California Foundation for Agriculture in the Classroom
Sandy Derby, UC ANR, Project Learning Tree
Lesley Taylor, California Department of Education
Laura Drath, California Department of Fish and Wildlife
Kathy Schulz, Department of Water Resources
Lesa Johnston, California Department of Fish and Wildlife
Christy Porter Humpert, CalRecycle, Office of Education and the Environment
Shannon Gordon, California Department of Education
Brian Brown, Water Education Foundation, California Project WET
Heather Holm, California State Parks

On the Phone:

Tom Drake, California AEOE
Greg Ira, California Naturalist Program, UC ANR
Annie Kohut Frankel, California Coastal Commission

1. Meeting called to order 9:42 am

- Welcome & Introductions
- Shannon move to call meeting to order. Laura seconded.

2. Reviewed Agenda and Passed Around Sign-In Sheet

3. Review Meeting Minutes

- Shannon moved to approve meeting minutes from January 2017 meeting with minor edits. Kathy seconded. Approved. Note that November 2016 meeting minutes were approved at the January meeting.

4. Action items from the January 2017 meeting

The following action items were addressed.

- **CSTA/ CEEIN Strand** – Annie checked with Karen Cowe and Brian and Christy and requested an update. Message positive response and encouraged CEEIN members to apply and join the strand. More updates soon. Some clarification needed on how/ where on application to do this.

- **CEEIN Brochure** - Annie reported general agreement was we do not need to reprint brochure. We will change to oversized post card w/ email, quick info. Kathy will confirm that printing will be covered by DWR. Ready by Earth Day hopeful, by fall for sure. CEEIN members may upload permissioned photos to Box at <https://cde.box.com/v/CEEINPhotos>.
- **Curriculum Development Guide Discussion- postponed to next month**
- **Ag in the Classroom Newsletter** - Will be posted in Box for review after presentation by Dee Ann and Liz and final review by board.

5. Committee Reports and Discussion

Administration and Organization Committee

- 2017 MOU Signature Status; It is moving along great; progress can be seen in Box and hardcopy is moving along as well. The MOU is currently with the Resources Agency.

Outreach, Diversity, and Partnerships Committee

- Annie Kohut Frankel spoke
- CSTA Education Conference –

Feb 6 is the Short Course proposal deadline—past date
 March 20th is the presentation proposal deadline
 More updates soon on CEEIN strand

- On March 3, 2017, SSPI Torlakson will announce the 2017 California Green Ribbon Schools, including 31 public schools and districts and seven private schools.
- Lesley is presenting with two teachers at the Green Schools Conference & Expo in Atlanta, Georgia.

Leadership and Legislation Committee

Shannon Gordon spoke; Environmental Literacy Committee (ELSC) Update (see below)

- Janet Mann and Lesley Taylor will coordinate with Shannon to keep CEEIN informed and provide regular updates on the work of this committee. If you have questions about the ELSC, you can ask any of these three CEEIN members.
- Funding for the ELSC currently comes from multiple sources such as in-kind support from CDE and private foundation sources.
- ELSC Committee work teams are as follows:
 - Team A - So far, they have helped produce and develop the CA History Social Science webinars, also environment and the EP&Cs are currently mentioned in all CA HSS Framework workshops (Jerry L. involved). Janet Mann is in this Work Team.
 - Team B - The fundraising Work Team, is securing funds from private sources and working on legislation to use State funding for EE/ Env. Lit,
 - Team C - Also known as the CREEC Work Team has been re-envisioning the CREEC Network and convening meetings of various stakeholders to help them re-envision the CREEC Network. They have hired a consultant to help them write a report on this; they are currently working on a draft report. They will also use some of

- the ELSC funds for a June 9-11, 2017 CREEC Conference; most of the CREEC Coordinators will be able to attend the conference at Rancho El Chorro Outdoor School. Celeste Royer is organizing this conference. Bill Andrews is leading an effort to garner support for environmental literacy in CA from CA faith communities in the form of a letter campaign. Shannon Gordon is in this work team.
- Team D - Lesley Taylor is in this Work Team, which is currently focused on identifying Los Angeles County school districts to pilot the development of local environmental literacy plans. Candice Dickens-Russell from Tree People is providing “backbone support” for the effort to work with districts, similar to what ChangeScale is doing in the Bay Area.
 - Team E - The Communications work team is making progress with a hired firm to develop communications tools such as well scripted messages (language) to specific target audiences; others will be able to use these messages in reports or other materials. Overall goal is to be inclusive of all groups and communities.
 - Team F - The LCAP Team; strategizing on how to use school districts' LCAPs (plans); working to use the STEM and Environment toolkit (already online thanks to Lawrence Hall of Science website). The work team is strategizing on how to support school districts to strengthen environmental education programming.

6. New Business

Upcoming Conferences and Environmental Literacy

- A Garden in Every School Symposium from Soil Born Farms, Sacramento, **February 25-26**
- AEOE Statewide Spring Conference, YMCA Camp Jones Gulch, La Honda, **March 24-27, 2017.**
Bannana Slug String Band
John Muir Laws workshop and journaling
Shape of Life (videos)
Email Tom if you want to do a workshop even though deadline has passed
tom@aeoe.edu
- CA Farm to School and Garden Conference, Modesto, **March 27-29**
CFSN Dee Ann and Liz will be there, good sized conference, included different levels of farm to school network
Modesto Center Plaza
- NSTA National Conference, Los Angeles, **March 30-April 2, 2017.**
Ag in the Classroom/PLT/ WET/
- CFAITC Conference, Visalia, **July 14-15, 2017.**
Ag in the Classroom changed from fall to summer dates
Cards and info shared (nice example)
Liz to send out pdf for use- and some to Lesley for distribution
- CSTA Education Conference, Sacramento Convention Center, **October 13-15, 2017.**
PLT/WET / Ag/ AEOE FW; many members will have tables (i.e. non-profit row)

- Green California Schools & Community Colleges Summit, Pasadena, **November 28-29, 2017 (tentative).**
- California STEAM Symposium, Moscone Center, San Francisco, **December 9-11, 2017**
The Symposium will features best practices, student work (share fair), best practices, exhibitors, some traditional sessions and some symposium sessions. Shannon and Lesley are working with the Steering Committee on language for an environmental literacy strand.
- NAI **March31-April 2** Interpreters throughout NorCal Camp Arroyo in Livermore
Laura can give more info on this.

7. Presentation: Agriculture and the Environment

Liz & DeAnn

What's Growin' On- Ag and the Environment in review by board presentation
Cover-Different look on front cover- less cartoony, colorful and busy- Where's Waldo style
Target 3-8 where standards are noted in brochure/ and say K-12 for broader audience
Messages for Educators- EPCs were included (web site to find out more)
Sun Power – is first of 10 content pages
Wind – Air, ozone, trees and Arbor Day website
Soil- erosion, soil types, activity exploring soil type differences
Water- use, conservation, recycling for different uses floating farm idea
Climate- Earth to Humans to Ag then discussion of how it all looks back on what we are doing
Technology- farming historical highlights, current tech, and future plan activity
Native On- invasive from fact sheets native vs nonnative
Pollinators- 6-7 important pollinators, id pollinator match and how to care/protect for pollinators
Animal Agriculture- manure, what goes on in animal agriculture activities SMUD- NewHopeDairy
Plants through time- GMOs, historical hunter gatherers, mustard plant as original key plant
Trash- food waste from start to finish
Glossary- site resources
Sponsors and connect and learn more about AgintheClassroom
Highlights:
Pages provide lots of great info- then put back to students to process info and apply, then figure out how they can make positive impact/ change
Challenge is to take complex ideas, break down for student understanding
Teacher request on website! Fee copies from county Farm Bureaus and website
Also included in 'Newspapers in Education'
Can download online
More on standards- linked with important upcoming EE practices-
Make sure distribution is equitable and help those that cannon afford purchases
Additional activities in extra extra (teachers supplement)

8. What's New in Your World

Please enter YOUR news yourself here (in box.com) so all details are accurate.

Greg – Marisa Rodriguez is the new California Naturalist Program Community Education Specialist in Southern California replacing Shayna Foreman and is based in LA County full time; Our next California Naturalist Instructor Training is scheduled for May 8&9, 2017 in Sacramento area.

Tom - Soil gradients density/porosity☺ AEOE conference noted above.

Annie – Art & Poetry contest had 2,793 entries, the most ever! Still judging Workshops in coordination with Project WET coming up- Durham Ferry in Manteca, Hayward Shoreline Interpretive Center

Jackie -for Eric Canteenwala Region 9 Healthy Schools and EE Coordinator
EPA Environmental Youth awards- current applications due March 1
EPA Educators – K12 teachers' innovative approaches due March 1
Jackie / Eric sent out flyer

Lesley – California Green Ribbon Schools honorees will be included in CDE's awards program during the month of May, consisting of five regional events across the state. Any CEEIN member who would like their materials shared at these events should get them to Lesley by April 24th so that materials can be shipped to Southern California as needed.

Kathy - Oroville Damn busy, draft for Ground Water poster and working on DVD about water

Laura –High flows on the Lower American—up to 84,000cfs!--forced us to close access to Nimbus hatchery for about 10 days in January and February; we sustained some damage to the fish ladder and trail.

I am on the planning committee for the upcoming NAI workshop (March 31-April 2 at Camp Arroyo in Livermore), and will also be presenting a session on communicating climate change with Kathy. We are presenting at the CSP district interpretive coordinator's training March 2 as well.

I am close to publishing an Explorers' passport featuring seven sites/organizations offering river access and education programs for kids and families.

Project WILD management is transitioning this summer/fall from CEE to Association of Fish and Wildlife agencies, and the terrestrial guide is in the final stages of revision and updating, with release scheduled for this fall.

Heather – I was asked to join the Marine Protected Areas State Leadership Team to bring in an outreach and education perspective.

Highlight Tijuana Estuary State Park's environmental education programs and teacher trainings. A training for middle school teachers will take place in April and a high school teacher training is scheduled for early May.

Shannon - Refilling Chris Breazeale's position in my Office is uncertain. Due to Federal changes, (new Administration and ESSA to replace NCLB) my Department is sort of in a transition year.

Janet Mann -1. History–Social Science Framework rollouts have begun! Shelly Brooks and Jerry Lieberman are delivering the session on Environmental Literacy. They highlight the EP & C's and some EEI Curriculum.

2. There are two new pieces of legislation that could promote Environmental Literacy.

* AB 24 (Eggman) – Seal of Civic Engagement. Students will have a seal on their diploma if they complete a set of standards. This might include activities around the environment, such as river ecology, recycling, sustainability, etc.

* AB 189 (Low) – Service Learning as graduation requirement. Students would have to complete a service learning project to graduate. This could include environmental literacy as mentioned above.

Janet will keep CEEIN posted on the bills status.

Brian - Conducted elementary & secondary PWET workshops in Oroville to support a DROPS grant infrastructure project that will engage teachers and students in helping inform the design of the project; focus is on storm water upgrades to the school that also conserve water.

Acquired extra funding from CA DWR to support PWET efforts targeting NGSS and project-based learning, including a Ventura school with a predominantly migrant student population with its own well and contaminated water issues.

A PWET Early Childhood Guide is coming out in March!

NGSS detailed correlation documents being finalized- to be ready for NSTA

4 DWR Climate workshops- Bishop, Kelseyville, Merced, Santa Maria

Sandy- 2017 Funding secure and 2017-2020 Strategic Plan is in final approval stage. 2017 will be transition of UC ANR leadership due to Principal Investigator Mike De Lasaux retirement. Also, National PLT is exploring big changes in program organizational home. Announcement to be sent out very soon and comments, feedback encouraged. 2017 workshops filling in calendar- new Retreats planned for higher education faculty and CREEC coordinators.

Lesa- Duties shifted/ Marketing specialist.....meaning more coordinating education programs and WILD – Christy will be state contact for WILD. Focus stays on EE and conservation. Fishing in the city- spring clinics. July meeting find an exciting location- Sacramento City Zoo

Dee Ann - Ag Conference and lots of workshops. Check out Ag bites – one pagers for teachers online.

CEEIN Guidelines for Developing Education Materials Subcommittee

Shannon has been the lead of this subcommittee since the topic arose out of the Leadership and Legislation Committee; discussion of curriculum development guidelines posted on box.com was to happen at end of this meeting and March meeting since so many members wanted to be a part of this effort. This item arose from discussions that occurred during the July 2016 CEEIN meeting and legislation guiding agencies to work with CalRecycle's Office of Education and the Environment as they develop educational resources. At that time, there was discussion of creating a subcommittee. Since today's meeting is going over, time will be allocated at the end of the March meeting. Christy Porter Humpert will be taking over as lead of this Subcommittee after the March meeting.

9. Action Items

- ED and all to seek change in manual to require minutes to be posted by note taker, *one week after monthly meeting date*, so individuals can enter what's new info and confirm time sensitive edits.
- All need to check for CSTA Strand email from Karen Cowe.

- (deadline March 20 to register)
- Kathy to check on brochure pics and printing cost.
 - Heather to check on graphic design assistance.
 - Dee Ann will send out flyer on EPA awards
 - Dee Ann will send out info on Modesto Conference- CA Farm to School Network
 - Anyone interested in presenting or participating in AEOE La Honda, encouraged to Email Tom if you want to do a workshop even though deadline has passed.
 - Christy will post comments on Curriculum Development Guidelines in box and review discussion will be in March
 - All review CEEIN Guidelines for Developing Education Materials Subcommittee on box.com and enter comments into document (please use document features like comments and tracked changes). You can also bring comments to March meeting.

10. Meeting Wrap-Up

Next Meeting: March 16 at Sacramento Tree Foundation
191 Lathrop Way, Suite D
Sacramento, CA 95815
916-924-8733

Meeting Lead: Sandy Derby
Note Taker: Greg Ira

Meeting adjourned at 12:10