



Central Coast CREEC

Linking Central Coast Teachers with Quality Environmental Education Resources

Summer 2008

Region 8 Serves San Luis Obispo, Santa Barbara, Ventura and Kern Counties

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- EE Success Stories
- EE Resources
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- Conferences/Classes
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Have a newsletter submission?

Contact Teresa Lees for submission guidelines!

Contact CREEC 8
Teresa "Tree" Lees
CREEC 8 Coordinator
tlees@slocoe.org
805-782-7265
www.creec.org/region8

In This Issue

EE Success Stories

EEI Workshops for EE Providers in Region 8

This spring four workshops were held, one in each county, to train EE Providers in aligning their programs with the EEI Model Curriculum Plan. EEI takes existing State Content Standards and teaches them to mastery using environmental lessons and examples. As a result, teachers in California will have access to environmental education lessons to teach to the standards using the environment as an integrating context for learning. This includes local EE Providers supporting the classroom learning by providing field trip opportunities, class presentations, curriculum guides, and environmental projects for classes to partake of.

We applaud those EE Providers who took the time to come to the training workshops:

Art from Scrap, Santa Barbara Museum of Natural History, Santa Barbara Botanic Garden, Fairview Gardens of Goleta, Camp KEEP, CALM Zoo, US Fish & Wildlife Service of Kern, Monterey Bay National Marine Sanctuary, Morro Bay National Estuary Program, Rancho El Chorro Outdoor School, City of Ventura, Ventura County RCD, Metropolitan Water District of Southern California, RCD of Santa Monica Mountains, Friends of the Island Fox, Channel Islands National Park, Channel Islands National Marine Sanctuary, MERITO Program just to name a few.

More Good News !!!.....Disney Radio visits Santa Margarita Elementary School

The Disney Company came to Santa Margarita Elementary School on May 30, 2008 for an award ceremony and Radio Disney party to celebrate the fact that they were a State Finalist in the Disney Environmental Challenge. The Fifth Graders of the Enrichment Program coordinated by teacher Kathleen Aaron restored a wildlife habitat area on campus by planting California native plants in the school garden area.

EE Resources

Thank You Ocean Podcasts Available

The Thank You Ocean Report podcasts discuss how the public can protect the ocean and highlight issues important in ocean and coastal management. We invite you to listen to the podcasts by going to <http://www.thankyouocean.org/podcast>

The first podcast focuses on the Thank You Ocean campaign itself, followed by podcasts on marine debris, marine protected areas, and the West Coast Governors' Agreement on Ocean Health. A new podcast will be posted approximately every 2 weeks.

You can subscribe to the podcast by visiting <http://www.thankyouocean.org/podcast> and clicking on the podcast feed of your choice (i-Tunes, Yahoo, Google, etc)

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CREEC Connections Newsletter “Professional Development for Teachers”

You can download a copy of the Spring/Summer 2008 CREEC Connections newsletter online at the Statewide CREEC Network website www.creec.org at the “Newsletters” link. ([http://www.creec.org/stories/storyReader\\$149](http://www.creec.org/stories/storyReader$149)) This issue features summer institutes, environmental education conferences, and other training workshops for teachers this summer. These include:

Forestry Institute for Teachers
 Sierra Nevada Classroom Teacher Institute
 Pacific Forest Institute
 NEED National Energy Conference
 National Conference for Ag in the Classroom
 EAT Ag Tour & Seminar
 Center for Ecoliteracy Institute
 Monterey Bay Aquarium Teacher Institutes
 MARE Summer Leadership Institute
 Boeing Teacher Institute: Exploring California Marine Life
 Fresno Chaffee Zoo Teacher Training Workshops
 Grounding in Botany: Integrating Plants into the HS Science Classroom

ZIP GUIDES - Find out what's in your neck of the woods:

Sort by Plants, Animals, Birds, Insects, Reptiles and Amphibians, Trees, Wildflowers. Sort by All Species, Threatened and Endangered, Poisonous and Dangerous, plus Mammal Tracks. <http://www.enature.com/zipguides/>

Zip Guide for 93401 zipcode: All Species (289 listed)
<http://tinyurl.com/5lag8c>

FIELD GUIDES - 5500 species currently available (many with sound, especially birds) Birds, Mammals, Reptiles, Amphibians, Fishes, Seashells, Seashore Creatures, Spiders, Insects, Butterflies, Wildflowers, Trees, Poisonous and Dangerous, Threatened and Endangered, Native Plants.
<http://www.enature.com/fieldguides/index.asp>

EEI Units Posted

New draft Education and the Environment Initiative (EEI) curriculum units are now available on the web for review. We will inform you as new units are posted.

These posted units are in draft form, have been reviewed by content experts for technical accuracy, and are now being field tested by teachers in California. Additional draft units will be posted as soon as they are available and will remain on the web for 30 days. See <http://www.calepa.ca.gov/Education/EEI/Curriculum/Default.htm#CurriculumUnits> to view the latest available units. Currently, the posted units are:

- 1) Fourth Grade, Science Standard 4.2.a.
- 2) Kindergarten, History/Social Science Standard K.4.5.-K.6.3.

More EE Resources can be found on the CREEC 8 Website in the “Resource Directory” as well as the “For Teachers” or “For Providers” link.

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Trainings & Workshops

Delta Sierra Science Project

The Delta Sierra Science Project is conducting a Science and Technology Summer Institute at the San Joaquin County Office of Education on June 16-20.

Participants will learn how to effectively integrate science with technology to create lessons that are highly motivating for students while aligning to standards. Participants who complete the program will earn a \$600 stipend and can apply for 3 units of credit for an additional fee. The cost for the institute is \$300 and includes all materials, lodging (if requested), and meals. To find out more about this exciting program or to register online go to: <http://edserv.sjcoe.net/dssp/>

Population Connection Training Institute – August 2-3, 2008

Population Connection is hosting a two-day training institute this summer for educators (formal and non-formal) around the state who would like to be trained to facilitate workshops using Population Connection curricula. Our program presents over 500 workshops each year for pre-service groups, professional development and conference audiences. Most are presented by volunteer facilitators who have gone through this training and want to share the hands-on materials with peers and future teachers.

It will be held at the Fort Mason Conference Center on August 2-3, 2008. We will be able to provide travel stipends and lodging for those traveling from other parts of the state. It will be a great event and I'm hoping you can help me get the word out to anyone you think might be interested. All of the information and an application form can be found at our program website: www.populationeducation.org.

Environmental Educator Training Program – Marin Headlands

Our residential Environmental Educators Training Program provides teachers and non-traditional educators with skills to create hands-on science standard relevant curriculum for students. The program has been presented in partnership with the National Park Service since 1997. It includes 5 days of instruction, field trips, seaside lodging and all meals. Cost is \$575; scholarships are available.

When: Session 1: July 28 – August 1; Session 2: August 11 – August 15, 2008

Where: Marin Headlands, Golden Gate National Recreation Area

Who: Headlands Institute in partnership with National Park Service. For over 30 years, Headlands Institute has been providing educational adventures in nature's classroom to inspire a personal connection to the natural world and responsible actions to sustain it.

Link and registration: <http://yni.org/hi/adulted/index.php>

Contact: Sofia Qureshi squreshi@yni.org 415 332 5771 ext. 22

Forestry Institute for Teachers

Forestry Institute for Teachers (FIT) – June and July 2008

FIT provides K-12 educators with an increased understanding and appreciation of California's forest ecosystems and the complex issues involved in managing them. FIT offers four sessions in different Northern California locations. Application Information is due on March 14, 2008. Meals, lodging, and curriculum materials are all free. Apply online at www.forestryinstitute.org

Coast Alive! Teacher Institutes – Summer 2008

Coast Alive! In partnership with the California Institute for Biodiversity offer this field experience to strengthen teacher's skills in science pedagogy, and leadership.

Coast Alive! Earth, Wind, Fire, Water Institute – June 2008

Southern California

Coast Alive! Land-Sea Interface Institute – August 3 – 8th

East Bay Regional Park District – San Francisco Bay Area

For more information contact Roger Renn at 888-325-3288 or email roger@calalive.org

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Explorations in Marine Science Teacher Institute – June 23-27, 2008 Moss Landing Marine Laboratories and Field Site

Join this continuing program for middle and high school teachers that provides techniques for incorporating meaningful watershed and marine-related concepts into core curricula and demonstrates how research data is collected and used in resource management for protecting the marine environment.

To register or for more information visit <http://teach.mlml.calstate.edu> or contact Traci Conlin at 831-771-4431 or tconlin@mlml.calstate.edu

Eureka Series: Sierra Classroom Teacher Institute

Two weekends: July 11-13, July 18-19, 2008

Join us as we explore the Sierra Nevada landscape while learning to incorporate scientific field journaling, stimulating inquiry-based activities, and multimedia curricula in your intermediate science classroom.

This summer our in-depth Sierra Nevada Classroom Teacher Institute will explore the varied habitats of the Sierra Nevada focusing on biodiversity and climate change. As a participating teacher, you will explore the Yosemite region and learn about the geology and ecology of the landscape. Join California State Park naturalist and our team of scientists and educators, including naturalist and artist John Muir Laws to explore the natural world and learn field sketching, as you create your own scientific journal.

This intensive course will integrate California science content standards for 4th through 8th grade. Teachers will conduct local field investigations, receive the Habitats Alive! teacher manual, an interactive CD-ROM, and The Laws Field Guide to the Sierra Nevada. Continuing Education Units (CEUs) are also available.

Registration has begun! Spaces are expected to fill quickly.

For upper elementary and middle school educators
Fee without credit: \$75 [includes meals and lodging]

FOR DETAILS AND REGISTRATION visit www.EurekaSeries.org

More Trainings & Workshops can be found on the CREEC 8 Website in the "For Teachers" link.

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Community Events

COASTWEEKS

Each fall, people all over the country participate in *COASTWEEKS*, a celebration of our coastal and water resources. This year the event takes place from September 20 to October 11, kicked off by International Coastal Cleanup Day. In California, *COASTWEEKS* is coordinated by the California Coastal Commission. The Commission will feature a calendar of events in a special section of our website, and we'll be conducting outreach to publicize it. Special events created for *COASTWEEKS* and prescheduled coast- and water-related events are eligible. This celebration is a great way to expand your outreach and to participate in a nation-wide effort to encourage appreciation and preservation of our coast and our inland waterways. And it's free!

If you'd like to publicize your coast- or water-related event(s) on our website during *COASTWEEKS*, please visit

www.coastal.ca.gov/publiced/coastweeks/coastweeks.html to download an event form.

Please feel free to forward this email to other organizations in California working for our coast and water resources.

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National Get Outdoors Day – June 14, 2008

Participants from dozens of federal agencies and non-profit organizations and the recreation industry gathered in Washington to launch National Get Outdoors Day, a new annual event to encourage healthy, active outdoor fun. On June 14, 2008, and each June thereafter, these partners will offer sites for American families to experience traditional and non-traditional types of outdoor activities. Prime goals of the day are reaching first-time visitors to public lands and reconnecting our youth to the great outdoors. For more information go to <http://www.getoutdoorsusa.org/>

Sierra Student Coalition's Summer Program (SPROG) – June 22-29, 2008 Loyola Marymount University in Los Angeles

The national student chapter of the Sierra Club offers a free Student Environmental Leadership Training Program this summer called "Be A Force For Change." Students can download a color brochure, view the videos and slide montage and register for the training at www.ssc.org/sprog

Summer Camps at the San Luis Obispo Botanical Garden

YMCA Green Gardens Camp – June 17-19, 2008

YMCA Green Buildings Camp – July 8-10, 2008

Oak Family Camp – August 4-8, 2008

For more information visit the Activities & Events link at their website www.slobg.org



EUCALYPTUS TALK at Botanical Garden June 14 at 1pm.

Cal Poly Biology Professor Matt Ritter gives a presentation "The Eucalyptus - the most common non-native trees in California". Held in the Sustainable Education Center at the SLO Botanical Garden in El Chorro Regional Park in SLO. Fee: \$5 (Members \$4). Info: call 541-1400 Visit the website www.slobg.org for more information.

More Community Events can be found on the CREEC 8 Website in the "EE Calendar" link.

Conferences/Classes

2008 National Agriculture in the Classroom Conference – June 25-28, 2008 Costa Mesa Hilton, Orange County

Join the CFAITC (California Foundation for Agriculture in the Classroom) at the national conference this summer for workshops, tour, guest speakers and more about California agriculture. Agriculture is an ideal way to demonstrate theories in any teaching subject and complements the growing emphasis on nutrition education and school gardens. Registration details are available at www.cfaitc.org

Summer and Fall EETAP Online Courses: Applied Environmental Education Program Evaluation

This 12-week on-line course is designed to assist environmental educators and natural resource professionals in evaluating their education programs. Participants have the opportunity to develop and apply skills in designing evaluation tools such as surveys, observation forms, and interview and focus group guides. This course was developed as a cooperative effort between the Environmental Education and Training Partnership (EETAP) at the University of Wisconsin-Stevens Point and the U.S. Fish and Wildlife Service (FWS) National Conservation Training Center. Participants may obtain three undergraduate or graduate credits from the University of Wisconsin-Stevens Point. All participants, regardless of location, are eligible for the in-state tuition rate. The course is also offered as a non-credit workshop for those who are not seeking college credit.

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Summer 2008 course dates: June 2 – August 22 (Registration deadline May 2)
Fall 2008 course dates: September 8 – December 5 (Registration deadline August 8)

To learn more, visit the course web site: <http://www.uwsp.edu/natres/eetap/index.aspx> or contact Angela Lemar (Angela.Lemar@uwsp.edu) for a registration form.

To learn more about EETAP visit the EETAP website at <http://www.eetap.org/>

Fundamentals of Environmental Education

An 11-week online course about the fundamentals of environmental education is appropriate for both classroom teachers and for non-formal educators who work with students and/or teachers. Participants may obtain three undergraduate or graduate credits from the University of Wisconsin-Stevens Point. All students, regardless of location, are eligible for the in-state tuition rate. The course is also offered at a reduced cost for those who are not interested in obtaining college credit.

The "Fundamentals of Environmental Education" online course was developed by the Environmental Education and Training Partnership (EETAP) in collaboration with national EE experts. It provides educators with the knowledge and skills necessary to incorporate quality environmental education into their instruction. Participants discuss the history, definition, and goals of environmental education; develop an understanding of the professional roles and instructional methods of environmental educators; and interact with other educators from across the country. Past course participants have given the course excellent reviews.

Summer 2008 Dates: June 2 – August 15 (Registration deadline May 2)
Fall 2008 Dates: September 8 – November 28 (Registration deadline August 8)

To learn more, visit the course web site: <http://www.uwsp.edu/natres/eetap/index.aspx> or contact Angela Lemar (Angela.Lemar@uwsp.edu) for a registration form.

To learn more about EETAP visit the EETAP website at <http://www.eetap.org/>

Leadership Development in Natural Resources: Strategic Planning and Implementation

This **9-week online course** entitled "Leadership Development in Natural Resources: Strategic Planning and Implementation," will be offered this fall through the University of Wisconsin – Stevens Point.

The course is designed to assist environmental educators and natural resource professionals in learning and applying key elements of successful strategic planning. A variety of strategic planning models will be examined using case studies, simulation, and small group activity. Emphasis will be placed on managing the strategic planning process to build the capacity of organizations to provide effective environmental education programs. The course was developed as a cooperative effort between the University of Wisconsin-Stevens Point (UW-SP), the Environmental Education and Training Partnership (EETAP) and Treehaven Environmental Learning Center.

Participants may obtain two graduate credits from the University of Wisconsin-Stevens Point. All participants, regardless of location, are eligible for the in-state tuition rate. The course is also offered as a non-credit workshop for those who are not seeking college credit.

Fall 2008 course dates: Sept. 22 – Nov. 21, 2008 (Registration Deadline August 22)

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To learn more, please visit www.uwsp.edu/natres/eetap/index.aspx or contact Michelle Schiltz at mschiltz@uwsp.edu.

To register for the course please contact Angela Lemar in the UW-SP Continuing Education office at (715) 346-3854 (Angela.Lemar@uwsp.edu).

Making EE Relevant for Culturally Diverse Audiences – NEW!

This 10-week on-line course is designed to provide participants with the basic knowledge and skills needed to make EE relevant to culturally diverse audiences. Through this course participants will broaden their perspective of EE to encompass interests and issues of concern to culturally diverse audiences, assess barriers to participation among these audiences, and apply cultural competency skills in building relationships and partnerships with members of an audience they intend to work with in the future. Environmental educators must understand how to work with and involve diverse populations to ensure that their perspectives are heard and that they participate fully in environmental decisions being made at the local, regional, and national levels. This online course has been developed in collaboration with national EE experts who represent diverse cultural and ethnic backgrounds. Although there are no prerequisites for this course, a working understanding of environmental education is essential for success in this course. Participants may obtain one undergraduate or graduate credit from the University of Wisconsin-Stevens Point. It is also available as a non-credit workshop for those that are not seeking college credit. All participants, regardless of location, are eligible for the in-state tuition rate.

Fall 2008 course dates: September 2 – November 6, 2008
(Registration Deadline August 2)

To learn more, contact Ali Cordie (acordie@uwsp.edu).

To register for the course please contact Angela Lemar in the UW-SP Continuing Education office at (715) 346-3854 (Angela.Lemar@uwsp.edu).

To learn more about EETAP visit the EETAP website at <http://www.eetap.org/>

BLUE HORIZONS UC Santa Barbara Summer Program for Environmental Media Using Media to Communicate Vital Stories of the Global Ocean June 21 – August 22, 2008

This 9-week summer program brings together students interested in digital media production and environmental studies to learn about important issues of the global ocean from a local, California perspective. A coordinated series of interdisciplinary courses and related activities introduces students to scriptwriting; media portrayals of the environment; the biological, socio-economic, and political aspects of marine conservation; and the latest innovations in environmental filmmaking.

Students will gain the skills necessary to communicate effectively with their peers, scientists, policymakers, and the general public by producing short, compelling videos. Issues such as marine protected areas, sustainable fishing, watershed ecosystems, beach erosion, aquaculture, and others will be closely studied, providing a foundation for the research necessary to produce an informative film. Techniques of digital video camera operations, sound gathering, lighting, and editing with industry standard Final Cut Pro will also be covered.

This Program is open to undergraduate and graduate students in all disciplines, but the criteria for acceptance include a demonstrated preparation in media or biological sciences. Questions can be addressed to Professor Constance Penley at penley@filmandmedia.ucsb.edu. Application forms are available at

www.summer.ucsb.edu/specialprograms.html. Screening will begin April 11, 2008; applications received after that date will be considered on a space-available basis. Submit applications to fawcett@cftnm.ucsb.edu, or mail to Blue Horizons, Carsey-Wolf Center for Film, Television, and New Media, University of California, Santa Barbara, Santa Barbara, CA 93106-7100. Additional program information can be found at www.cftnm.ucsb.edu.

More Conferences/Classes can be found on the CREEC 8 Website in the “EE Calendar” or “For Providers” links.

EE Provider Highlights - Cal Serve Central Coast Region 8

Santa Barbara County and Region 8
8th Annual Service-Learning Summer Institute

Presented by CalServe Central Coast Region 8
Santa Barbara, San Luis Obispo, Kern, and Ventura Counties

<http://www.yscal.org/services/regionalsll.html>

Special Guest Presenter Cathryn Berger Kaye

Author and Internationally Renowned Service-Learning Trainer

Monday, August 11, 2008

8:15 a.m. – 3 p.m.

Coffee and Registration 8:15-8:45 a.m.

Carpinteria High School, 4810 Foothill Rd, Carpinteria, CA 93013

*Half-price rooms at the Holiday Inn Express in Carpinteria – 805-566-9499 (\$109)

Art Fisher

Service-Learning Regional Lead - Center for Community Education

Santa Barbara County Education Office

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**This is the end of the Summer 2008 Region 8 CREEC Newsletter
Please submit items to Teresa “Tree” Lees for the next
CREEC E-Newsletter at tlees@slocoe.org**

