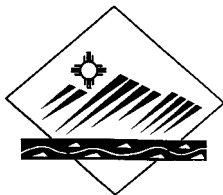


EE CONNECTIONS

Vol. 10, No. 2: Summer 2002

1. Student Ecology Research
2. EEANM news
3. Conference Registration form
4. Conference Housing Info
5. Water Festival Volunteers
6. Project WILD News
7. Don't Waste a Drop & Outdoor Classrooms
8. NM State Land Office
9. WERC
10. Materials & Opportunities
13. EE Connected
20. Membership Application



Ecology Education: Making it Work in the Field

Contributed by Rebecca Salem

Most of us working in environmental education will agree that it is powerful work, especially when we have the opportunity to work with our students in the field, in their communities, applying the concepts from their classrooms to real ecosystems and real conservation issues. This is a luxury that we have come to take for granted here at the **Student Ecology Research Program (SERP)**, as it is what we do all summer long. This year we are working with ten schools and communities from around the state.

SERP is the result of a partnership between the New Mexico Museum of Natural History and Science (NMMNHS) and New Mexico Math, Engineering & Science Achievement (NM MESA). Tim Aydelott from the museum had already been expanding the Water Ecology Program from its museum base for about four years before he entered into the partnership with NM MESA. This broadened the reach and scope of the program to include schools from a greater area with a more comprehensive curriculum. The result is a summer program for students in grades seven through twelve that teaches them the basics of ecological field research while giving them the opportunity to understand the natural and social communities they live in from a new perspective.

Belen High School and Cochiti Pueblo are great examples of how continued involvement of an environmental education program like ours can truly be the stone that brings ripples of change and awareness into the schools and communities in which we work. Belen High School has worked with us for five continuous summers. Each year they have taken data from the same two sites: an illegal dump located close to the school and an urban park within the bosque along the Rio Grande. There will be an environmental science class that continues the same study this summer, adding to the data from previous years. This long term study provides a learning experience that shows the value of ecological research as well as the effects of various kinds of pollutants in different ecosystems.

This year, Stephen Boliver has developed a second level environmental science class in order to give interested students the chance to stay involved for

(Continued on page 6)

Fall Newsletter Deadline: September 1

The EE Connections Fall Newsletter will go out in October 2002. The deadline for articles and information is September 1. Please submit long or short articles about environmental education and other closely related topics. In addition, information about materials and opportunities is welcome. Please send your contributions to Stephanie Stansbury at the e-mail address below. If you send an attachment, it should be a Microsoft Word document *without* any special formatting. Call Stephanie at (505) 256-4343 with any questions or special requests.

Send newsletter contributions to:
stephaniestansbury@earthlink.net

Resource Guide Listings Needed

EEANM needs your help in compiling a statewide resource guide. This guide will connect New Mexican's interested in Environmental Education throughout the state. If you are interested in listing yourself or your organization please contact Dana Vackar Strang at dvackar@slo.state.nm.us or New Mexico State Land Office, P.O. Box 1148, Santa Fe, NM 87504-1148.

Leadership Summit II and Annual Meeting

EEANM is holding its second Leadership Summit September 22-24, 2002, at Ghost Ranch Conference Center in Abiquiu, NM. The theme of this year's conference is "Connecting People, Places and Ideas". A registration form and housing information can be found in this issue of EE Connections. In addition, please note the following information:

Teacher Scholarships are available.

If you are a teacher who is interested in attending the conference, you may apply for a teacher scholarship. Recipients are expected to write an article for the EE Connections Newsletter. To apply, send a letter describing how you will incorporate this experience into your teaching to: Richard Becker, EEANM, P.O. Box 36958, Albuquerque, NM 87176-6958.

The deadline for proposals has been extended.

You may continue to submit proposals for presentations at the conference until August 5, 2002. Presentations must address one or more of the following strands: curriculum development, certification and standards, teacher involvement and capacity building, and demonstrations of successful and innovative EE programs. For more specific information regarding our request for proposals, contact Cassie Benson at (505) 277-5151 or cassiebenson@yahoo.com.

EEANM BOARD OF DIRECTORS

All phone numbers are area code (505) unless otherwise noted.

OFFICERS:

Mary Dwyer
President
254-3570 (h/w) Albuquerque
dwyermc@unm.edu

Richard Becker
President Elect
255-7156 Albuquerque
crbecker@swcp.com

Olivia Ximenes
Past President
877-2305, Albuquerque
oximenes@hotmail.com

Peg Sorensen
Secretary
761-8920 (w) Albuquerque
Peg_sorensen@blm.gov

Deb Thrall, PhD.
Treasurer
277-0718 (w) Albuquerque
dthrall@unm.edu

Stephanie Stansbury
Newsletter Editor
256-4343 (h) Albuquerque
stephaniestansbury@earthlink.net

BOARD MEMBERS AT-LARGE

Therese Martinez Loner
768-1970 Albuquerque
tloner@cabq.gov

Paul Miko, PhD.
277-6092 (w) Albuquerque
pmiko@unm.edu

Laura Pena
867-0615 (w) Santa Ana Pueblo
lpena@santaana.org

Kevin Holladay
476-8095 (w) Santa Fe
kholladay@state.nm.us

Dana Vackar Strang
827-3809 (w) Santa Fe
dvackar@slo.state.nm.us

Mary Steuver
867-4661 (h/w) Placitas
sse@nmia.com

Have a message for the Board? E-mail them at
eeanm@yahoo.groups.com

Important Housing Information

For EEANM Leadership Summit and Annual Meeting

- Housing must be reserved through EEANM. Ghost Ranch will not accept reservations for this conference. Registration and room fees must be sent directly to EEANM.
- Rooms will be assigned based on double occupancy with dorm style bathroom facilities. You may indicate your choice of roommate(s) on the registration form.
- Housing fee includes two nights lodging and all six meals. Corral Rooms: \$98, Mesa Rooms: \$94, Casita Rooms: \$74. Your options are described below.
- Camping is available for \$26, however, this does not include the cost of your meals. Breakfast: \$5, Lunch: \$6, Dinner: \$7 per day.

Ghost Ranch Housing Options

Corral Rooms—17 rooms available

Linens provided

Dorm style bathrooms down the hall

- Rooms 1-7 & 12-13 include:

1 bunk bed and 1 single bed

- Rooms 8-11 include:

2 single beds

- Rooms 14-17 include:

2 bunk beds and 1 single bed

Mesa Rooms—6 rooms available

Linens provided

Dorm style bathrooms down the hall

- Rooms 1-6 include:

1 bunk bed and 1 single bed

Casita Rooms—2 rooms available

Linens NOT included

Primitive bathhouse across the road

- Rooms 1-2 include:

2 bunk beds and 1 single bed

Additional Lodging

In Abiquiu (13 miles from Ghost Ranch):

The Abiquiu Inn (800) 447-5621

In Espanola (36 miles from Ghost Ranch):

Comfort Inn (800) 221-2222

Days Inn (800) DAYS INN

Inn at the Delta (800) 995-8599

Super 8 Motel (800) 800-8000

Western Holiday Inn (800) 653-9847

ECO-ED The Listserv for New Mexico Environmental Educators

If you haven't signed on to the eco-ed listserv, you are missing a great information link on what's up in New Mexico Environmental Education. Signing up is easy; just follow the directions below.

1. Prepare a new e-mail message.
2. In your "To" field, type: **mayordomo@lists.nm**
3. In the body of the message, type:
subscribe ecoed your email address
For example: **subscribe ecoed leo@aldo.org**
4. Very quickly, you should receive a return message saying: "Welcome to the ecoed mailing list..." and a second message saying "Subscribe ecoed barney@purple.org Succeeded"
5. To send a message to the listserv, address it to: **ecoed@lists.nm.org**
6. To unsubscribe from the listserv, send a new email to: **majordomo@lists.nm.org** In the body, type: **unsubscribe ecoed your email address**
7. To reply to an individual, please create a new email message with their email address in the "To" field. Do not press "Reply" or your message will go to the entire listserv.

Water Festival Volunteers, Presenters and Sponsors Needed!

Contributed by Susan Gorman

On October 17 & 18, 2002, 1000 students in the 4th grade from throughout the Middle Rio Grande area will gather at the Albuquerque Convention Center to spend a wonderful day learning all about water! Nearly 3,000 students, over 100 teachers and several hundred parents have participated in the three successful Water Festivals held in 1999, 2000 and 2001.

Last year, 98 people presented twenty-two different activities from a wide range of organizations. The program included eight new activities that expanded the range of topics and core curriculum areas that were covered. Students made "Edible Aquifers" from ice cream, ice and soda, an activity lead by students from the Environment Club at Albuquerque Academy. They were challenged to test their water knowledge in lively games of Water Jeopardy, led by students from Highland High School. They created a mini-river, used a groundwater model to "see" how water moves underground, and ran a computer model to make projections of water use into the future. They looked for "bugs" in the water to determine its purity, created a micro-watershed, purified water from the Rio Grande and built aquifers from sand, gravel and water.

If this sounds like fun to you, there are several ways to get involved and help us to make sure that the students have a fun day learning about water!

Present an activity...

The program of activities is shaping up but there are still a few slots left. If you have a hands-on water activity you'd like to present or if you'd like to present an activity but need suggestions, contact us!

Be a sponsor...

We are seeking sponsors in order to raise the money needed for Water Festival 2002. Reductions in federal funding and the slow US economy have come home to the Water Festival making support by local sponsors even more essential.

Join the Steering Committee...

The folks on the Steering Committee make the Festival possible. They participate in the Work Groups and provide guidance to the Festival Coordinators. The Steering Committee meets monthly. The next meeting will be in August.

Volunteer...

With so many students gathering, we'll need plenty of help! We are seeking volunteers including guides for student groups, assistants for activity presenters, runners to deliver extra supplies wherever needed, someone to administer first aid in case of small injuries, photographers, snack servers, traffic cops... you're probably getting the picture, here!

Outreach....

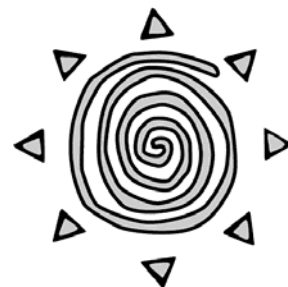
Last year we produced a video, "Water Festivals - Delivering Effective Water Education," that explains the steps for a successful Water Festival event. We held a Workshop in Santa Fe in March and folks there agreed to work to organize a Water Festival for Santa Fe students. So if you live in the Santa Fe area you are invited to participate in this project.

If you live somewhere else and think that a Water Festival would be good for your community, contact us! To volunteer or for more information, send a note to waterwiz@pioneerwest.net. For more information, you can also check the website at www.pioneerwest.net.

Stay Connected with EEANM

<http://www.eea.nm.org>

By visiting our web site, you can get up-to-date information about events, job announcements, volunteer opportunities, requests for grant proposals and more.



Visit us often!

(Continued from page 1)

consecutive years while forming their own independent research studies. At the same time, they will be mentors for other students. Their six weeks of independent study will be complemented by an eight-day expedition into the Gila Wilderness to study the presence and diversity of carnivores.

This is such an exciting project because we get to see our basic programs evolve to include components of student research that is of greater depth and of even more value to their social and natural communities. At the same time, students are getting a closer look at how environmental science translates into the real world.

Another example of how SERP has helped to elicit positive ecological changes within a community is our program with Cochiti Pueblo. Jacob Pecos, Director of the Environmental Department participated in our Water Ecology Program in 1994 as the teacher for a group of middle school students. The program continued for three years, each year with a new group of students investigating the water quality of the Rio Grande as it flowed through their Pueblo. The data was logged every year for comparison to the next year's results. Unfortunately, both parties lost funding after those first few years, and we had to discontinue the project.

Now, five years later, Mr. Pecos has begun a

large-scale restoration of the bosque within the reservation and has invited us back to get the young people involved in monitoring the effects of the project. We plan to spend three days a week throughout the month of July setting up sampling sites. Restoration projects are highly labor intensive, taking place over long periods of time. Monitoring is essential to ensure efficiency and success of the project in the long term. For this reason, it is an invaluable opportunity to get the whole community involved.

Their work with us will culminate with two presentations, one to their friends, families, and teachers on the reservation and a second one in Albuquerque where all of the SERP programs report their results from the summer. The *Final Congress* will be held August 3rd. As of this publication date, we have not decided upon a location for this event. We will announce the location once we have secured it. We encourage and invite all interested teachers to this event, as it is a great way to see the specifics of each research project and meet other teachers working with the program.

Rebecca Salem is the coordinator for the Student Ecology Research Program at the New Mexico Museum of Natural History & Science and can be reached at (505) 841-2849.

Project WILD/ Council of Environmental Education National Office News

Flying WILD:

There are lots of changes on the national scene for Project WILD and the Council of Environmental Education National Office (CEE). CEE was funded by Phillips Petroleum and the National Fish and Wildlife Foundation for \$288,910 to implement "Flying WILD", a school based, bird festival initiative. The Flying WILD initiative calls for CEE and Project WILD to build a network of partners in support of education events at schools to promote migratory bird conservation. State Project WILD offices will be eligible for small seed grants in the second year to assist with their efforts to make bird festivals happen in schools across the nation and beyond. A festival manual will be developed for use by teachers in planning and conducting school bird festivals.

New Project WILD Director:

Geralyn Warfield is the new Project WILD Director! Geralyn was previously the Curator of Education at the Houston Zoo. She holds a Master's degree in Environmental Policy and Research and a BS in Outdoor Recreation. Geralyn spent 6 years in the classroom as both a middle and high school teacher before beginning her work with Children's Museum of Denver, the Denver Botanic Gardens and the Butterfly Pavillion and Insect Center in Denver.

Don't Waste A Drop

Contributed by the New Mexico Office of the State Engineer

With 2002 shaping up to be one of the driest years ever recorded in New Mexico, now is a particularly good time for homeowners and businesses to conserve water. A new brochure from the New Mexico Office of the State Engineer entitled "Don't Waste A Drop: Finding, Fixing and Preventing Indoor Water Leaks" offers handy information about how to locate water that is wasted indoors and step-by-step instructions on how to fix common plumbing and appliance leaks.

"Don't Waste A Drop" begins with basic information such as how to read a water meter, how to use a water meter as a leak-detection tool, and where to find water shutoff valves. Because toilets account for a large percentage of indoor water use, the longest section in the 24-page booklet deals with how toilets work, how to determine if a toilet is leaking, and how to fix toilet leaks. Detailed illustrations not only provide information about the working parts inside a toilet tank, but they also show the simple steps necessary to fix most toilet leaks.

In the section on faucets, the four basic types of faucets are identified with easy-to-understand illustrations and descriptions. The booklet gives helpful instructions on how to repair most leaky faucets. Information is also included about faucet aerators, showerheads, dishwashers, washing machines, water heaters, and water filters and softeners. The back cover of the booklet even lists sources for additional information about water conservation.

"Water conservation is vital to the health and well-being of New Mexico," said Alice Darilek, Water Conservation Coordinator of the New Mexico Office of the State Engineer. "Homeowners can do their part to conserve water by preventing water waste. Leaking pipes, faucets, toilets and other water-using appliances waste untold millions of gallons of fresh water in New Mexico every year. We hope that our newest booklet, 'Don't Waste A Drop,' will provide practical and valuable information—while helping New Mexicans to save substantial amounts of water."

As a semiarid state, New Mexico has limited water resources. The state's growing population and resultant rise in water use has increased the interest in water conservation throughout the state. The current drought in the state has prompted Santa Fe and Las Vegas, New Mexico to declare emergency water conservation measures, and dangerously low water reserves may force other communities throughout the state to declare water emergencies during the summer months.

Free copies of the full color, 24-page "Don't Waste A Drop: Finding, Fixing and Preventing Indoor Water Leaks" brochure are available by calling the Office of the State Engineer's Water Conservation Program at 1-800-WATER-NM.

The New Mexico Office of the State Engineer also offers other free water conservation brochures including "The Enchanted Xeriscape," "Xeriscape 101" and "Lean and Green: A Simple Guide to Water-wise Lawn Care." Visit the New Mexico Office of the State Engineer water conservation web page at <http://www.seo.state.nm.us/water-info/conservation/>.

Outdoor Classrooms Are Alive and Well in Santa Fe

Contributed by Priscilla Logan

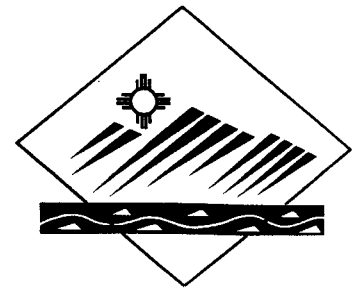
Last year Randall Davey Audubon Center received funding for outdoor classroom teacher training from Thaw Charitable Trust. The funding was used to pay the tuition of thirteen teachers as well as a small amount for each school to develop their own outdoor learning area. A team of teachers from four Santa Fe elementary schools (Agua Fria, EJ Martinez, Larragoite, and Pinon) were instructed in outdoor classroom management techniques, as well as how to do a habitat site analysis at their school with their students. The classes gathered information and mapped existing flora and fauna, soil potential and rainwater retention.

With all of this information they will be planning and then creating an extension of their existing outdoor learning area. Several schools will be adding to their bird habitat with plantings, bird feeders, and ground cement birdbaths made by the students. One school hopes to create a storm water retention wetland planted with willow and cattail to increase the diversity of the living creatures that they study on their school site. Another school would like to put in a swale to catch roof water and then plant it with butterfly bushes and other flowers to attract insects. Each one of the schools is using their natural and human resources to make the school grounds more amenable for nature and study.

If other schools are interested in a teacher training for developing and using an outdoor classroom, contact Priscilla Logan at plogan@outdoorclassroom.org, (505) 424-1413 or visit her website at www.outdoorclassroom.org.

New Mexico State Land Office

Ray Powell, M.S., D.V.M., Commissioner of Public Lands



We work for education.

Earth Day Celebration at La Semilla

More than 200 New Mexico middle and high school students from Albuquerque, Bernalillo, Pojoaque and Vaughn attended the 6th Annual Earth Day Coalition Youth Conference on the Environment, April 22, 2002. The event was held at the future site of the La Semilla Nature Preserve, on state trust land at Mesa del Sol in south Albuquerque. La Semilla, which means “the seed,” in Spanish, will be a 2,800-acre nature refuge and environmental education campus on the eastern border of the Mesa del Sol Master Planned Community.

Guest speakers included State Land Commissioner Ray Powell and Navajo Elder Leon Secatero, Chair of the Indigenous Elders of the Americas and Spiritual Elder of the Canoñito Band of Navajo.

Students learned about solar energy, desert ecology, endangered species like the Mexican wolf, and how food choices affect sustainability. They also participated in a debate about the proposed Paseo del Norte highway extension across Petroglyph National Monument.

The event was sponsored by the Earth Day Coalition of New Mexico, the New Mexico State Land Office, Sandia National Laboratories and Ethicon Endo-surgery.



Celebrating a Life and Building a Future at La Semilla

More than 100 people gathered at the La Semilla Nature Preserve at Mesa del Sol on a sunny (and windy!) Sunday afternoon to celebrate the life of Hy Rosner, who passed away December 13, 2001. The event was held at La Semilla because it is the future site of the Joan and Hy Rosner Environmental Education Campus.

The celebration honored Rosner with speeches, songs, and poetry. Guests praised Rosner for his passionate dedication to Albuquerque and to environmental and social issues in the community. Rosner and his wife, Joan, authored *Albuquerque's Environmental Story: Toward a Sustainable Community*. This publication is still in use and can be found at the City of Albuquerque's website (www.cabq.gov/aes).

Speakers at the event included: Ray Powell, State Land Commissioner; Jay Czar, Chief Administrative Officer of the City of Albuquerque; Harry Kinney, former Mayor of Albuquerque; and Matt Schmader, Assistant Superintendent of the City Open Space Division. Joan Rosner also shared memories, letters, and stories about her late husband and challenged the attendees to keep his memory alive by supporting La Semilla and a future Rosner environmental symposium planned for later this year.

Event sponsors included New Mexico State Land Office, Environmental Education Association of New Mexico, Friends of Albuquerque's Environmental Story, Open Space Alliance, City of Albuquerque, and Joan Rosner.

Left: KLUZ-41 interviews a teacher and her students from the South Valley Academy.



WERC

A CONSORTIUM FOR ENVIRONMENTAL EDUCATION
AND TECHNOLOGY DEVELOPMENT

(800) 523-5996 | www.werc.net

Tatum High School Students Win 1st Place in Environmental Design Contest

Students from Tatum High School won first place in the fifth High School Environmental Design Contest that was held April 8-11 at New Mexico State University campus in Las Cruces, NM. Teams competing in the contest came from Texas, New Mexico, Washington D.C. and Mexico. Winning second place was Perryton High School, from Perryton, TX.

Sponsored by WERC, the high school contest coincides with the Environmental Design Contest for universities. This year's contest task for high school students was developed in response to the Cerro Grande fire in Los Alamos. Students were asked to develop and demonstrate a cost-effective approach to protecting cultural and biological resources. Specifically, WERC was looking for erosion control measures that would protect these resources from the effects of forest fires while staying within the guidelines of all relevant environmental requirements such as the National Environmental Policy Act, Endangered Species Act and Native American Graves Protection and Repatriation Act.

The students made oral presentations and developed bench-scale demonstrations of their designs in competition for cash awards. Representatives of academia, government and industry served as judges for the contest.

Tatum High School won \$1,500 for their effort and Perryton High School won \$1,000. In addition, Tatum High School Science Teacher Rondal Nauert won \$1,500 as Outstanding Faculty Advisor. He was nominated for the award by an essay written by his students.

4th Annual Bi-National Water Festival Set for Fall

WERC's fourth Annual Bi-National Water Festival will be held in Las Cruces on October 15 and in El Paso on October 22. The date for the Juárez festival has not yet been set.

Teachers are invited to participate in a workshop prior to the festival and will receive free curriculum materials. The water festival will include hands-on activities, exhibits, videos, games, skits and more. The festival will be open to grades 3 through 8.

For more information, call Bryan Swain at (800) 523-5996, bswain@nmsu.edu.

WERC to Facilitate Project Learning Tree in New Mexico

Deb Thrall is the new facilitator for Project Learning Tree (PLT) in New Mexico. PLT is an environmental education program for educators and students in PreK - grade 12. PLT is a program of the American Forest Foundation. For more information, contact Deb Thrall at (505) 277-0718, or visit the PLT web site at <http://www.plt.org/index.cfm>.

Upcoming WERC Educational Events

<u>Uranium Education Program 2002 Teachers' Seminar</u>	July 8
Farmington, NM	
<u>Summer Environmental Academy</u>	July 14-19
Los Alamos, NM	
<u>Bi-National Water Festival</u>	
Las Cruces, NM.....	October 15
El Paso, TX.....	October 22
Cd. Juárez, Mexico.....	TBA

For more information, contact Bryan Swain at (800) 523-5995.

MATERIALS & OPPORTUNITIES

Summer Fun at the Bio Park

There are many opportunities to experience the Albuquerque Bio Park in ways you never have before. This summer, get up close and personal with the plants and animals at the zoo, aquarium and botanical gardens. The following activities are included in the price of admission and will keep the whole family amused. Call the Bio Park for more information about times and locations: (505) 764-6245.

At the Rio Grande Zoo

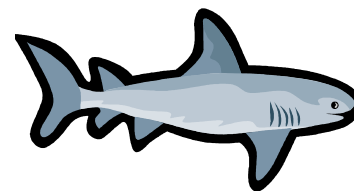
World Animal Encounters
ZooEd Kaleidoscope Nature Room
Discovery Stations
Llama and Alpaca Cruising
Kaleidoscope Kritters
Kaleidoscope Krafts
Storytelling
Dr. Whirl the Mad Scientist

At the Rio Grande Botanic Garden

Discovery Stations
Professor Botanica—discover plant secrets and herbal remedies
Wheelbarrow Wonders
Garden Swan Players
Plant Pals
Storytelling in the Garden
Garden Tours
Garden Railroad

At the Albuquerque Aquarium

Discovery Stations
Touchpool
Captain Lucky—a shrimp boat captain tell his tales
Fishy Friends



Twilight Tours at the Zoo

Ages: All

Wednesday, August 6th

6:30-8:30pm \$7.00 per person, per night

Experience the sights and sounds of the zoo at twilight! Tour the zoo in a small group with your personal guide, while you observe interesting animal behavior. (Please note that not all animals are out at night.) Tours will occur rain or shine! Meet at the front of the zoo. Pre-registration is suggested. For details or to sign-up call Zoo Education: (505) 764-6214.

Night Walks in the Botanic Garden

Ages: All

Wednesdays, July 23rd and August 20th

8:00-9:30pm \$5.00 per night

Bring your family and explore the wonders of nightfall as you walk on a guided tour through the garden in search of night-blooming plants, nocturnal animals and night pollinators! Explore the garden under a full moon this summer! Pre-registration is suggested. For more details or to sign-up call Garden Education at (505) 848-7180.

NAAEE Annual Conference—Keynote Speaker: Chuck Roth

August 6-10 - Park Plaza Hotel, Boston, Massachusetts

For more than four decades, Chuck Roth has been a leader and an innovator in environmental education in Massachusetts. Educated at Wesleyan University, Univ. of Connecticut and Cornell University, he has taught at all levels from elementary school through graduate courses. For 27 years he directed the educational programs of the Massachusetts Audubon Society. Through this and other positions he has been actively involved in the growth of EE from 1960 to 2000. In a personal odyssey which took him from Cornell University in the 1950s - home of Liberty Hyde Bailey and the Nature Study movement -- to his position as senior statesman and advisor for Environmental Education in New England in 2002, Chuck has watched it all unfold. An integral part of the movement, Chuck has a unique perspective on the EE field and can provide a participant's view of the history. As an active educator and grandparent, he speculates about the directions in which EE is going. Join NAAEE as Chuck takes us on an EE Journey: Where are we? How did we get here? And, where are we going? Registration, conference schedule information and conference FAQs are available online: <http://naaee.org/conferences/>

MATERIALS & OPPORTUNITIES

National Tree Trust's Growing Together Program

The National Tree Trust's Growing Together program is now accepting applications for the 2002-2003 school year. Through Growing Together (GT), students and educators can grow trees from seeds. The National Tree Trust provides growing containers, activity guides, and a monetary allotment to jump-start the program for grades K-6. Applicants must work with a minimum of 250 students and complete a brief evaluation at the end of the traditional school year. The application deadline is August 31st. To apply, contact the National Tree Trust at 800-846-8733 ext. 21 (leave your full name and address) or download the application from the National Tree Trust website at:

<http://www.nationaltreetrust.org/GT/NewPage.htm>

Rethinking the American Dream

"Rethinking the American Dream," and its companion study guide, is designed to raise awareness about our nation's consumptive ways, help viewers evaluate their current lifestyles, and introduce choices that can improve our natural environment and quality of life. The video should prove useful to anyone who teaches about sustainability issues, as well as individuals who want to learn how they can lead more sustainable lives. "Rethinking the American Dream" costs \$19.95, and is available on VHS videotape. For ordering information, and to preview the video and related educational materials, visit:

http://eesc.orst.edu/agcomwebfile/EdMat/trailers/american_dream.html

Climate Change and Wildlands Toolkit

EPA, in partnership with the National Park Service and U.S. Fish and Wildlife Service, has released an award-winning outreach kit for teachers and interpreters to use when talking with the public about how climate change might affect wildlife and public lands. To order the full Climate Change, Wildlife, and Wildlands outreach kit, contact Karen Scott Gibbons, U.S.

Environmental Protection Agency, at (202) 564-3482 or gibbons.karen@epa.gov or visit:

<http://www.epa.gov/globalwarming/publications/outreach/orwkit.html>

Wide Ranging World Map

The Exploration Company has released the Wide Ranging World Map (pub. date 2002), featuring ecological and cultural details never before shown in a world wall map. Breaking with tradition, this map replaces elevation with the rendition of terrain (deserts, forests, savanna). In addition to displaying all the countries, active border disputes and key cities, the map notes cultural regions (Kashmir, Scotland, Transylvania) and prominent indigenous nations (Kurds, Palestinians, Inuit).

Chris Durbin, the Formal Geography Advisor for BBC Education, stated that the map is "one of the best I have seen. I would without hesitation recommend it. Pupils were drawn to it like a magnet."

The map indicates high population density, and also where natural vegetation has been replaced with cropland. It indicates ecological degradation—marine pollution, radioactive contamination, and destroyed rainforests. This is the first time any of these features has been shown on a wall map of the world.

Greg Hesterberg, President of The Rainforest Site (www.therainforestsites.com) commented, "The Rainforest Site, in partnership with Earth Day Network, is proud to offer this eye-opening map to those interested in the health of the planet, and the reality of environmental issues. It offers a powerful view of the world that you can't get elsewhere, educating viewers and encouraging them to take action to protect our shared home."

The map comes in a number of sizes and prices, ranging from \$15.95 (40" x 27") to \$132 (60" x 37," on a spring roller). For images and ordering information please visit: www.theexplorationcompany.com

Youth in Wilderness Project Request for Proposals

The Sierra Club and The Sierra Club Foundation are pleased to announce the second round of funding for the Youth in Wilderness Project in New Mexico. We are funding projects at public schools and nonprofit organizations that connect low-income youth with nature. The next deadline is September 26, 2002. For more information or application materials, please call (415) 977-5589 or visit our web site at: www.sierraclub.org/youthinwilderness

MATERIALS & OPPORTUNITIES

Project WILD Natural History Weekends

The Conservation Education Section of New Mexico Department of Game and Fish offers FREE educational Natural History Weekends to educators and others interested in the outdoors, wildlife research and increasing their knowledge of New Mexico's diverse habitats and wildlife. These camping weekends are organized and hosted by Kevin Holladay and Colleen Welch, Project WILD.

The schedule for summer and fall, 2002 is as follows:

Trout, Mountains and Forests will take place July 18, 19, 20 and 21 at Holy Ghost Campground in the Pecos River watershed. We are still planning for this popular weekend but everything depends on receiving enough rains to reopen the Santa Fe National Forest. Topics include: cold water trout habitat, mountain riparian ecology, aquatic insects and water quality, and fly fishing

Birds of Prey will take place September 20-22, 2002, in the Manzano Mountains, Cibola National Forest. Since 1985, Hawkwatch International has had crews of researchers at the western edge of the Manzano Mountains counting and banding raptors. Since 1990 they have banded 12,000 raptors! Join Project WILD and Hawkwatch International staff as we learn about this important raptor flyway and watch the observation and banding teams in action. We hope to see plenty of birds of prey flying by as well as those captured in their banding operation. We will also have a unique opportunity to assist ornithologist John DeLong in his nighttime banding study of Flammulated Owls. Since he began his research in 1999, John has banded more Flammulated Owls in one site than anyone has ever done before. We will be up late Saturday night but, with Flammulated Owls in hand and John DeLong sharing his enthusiasm, it will be a memorable experience!

Coming Into Watersheds will take place September 26, 27, 28 and 29. This is a new Natural History Weekend focusing on watersheds and riparian ecology and will be held in the Gila National Forest near Gila Cliff Dwellings National Monument. Topics covered by Department Game and Fish staff and special presenters will include: riparian wildlife and classroom connections to literacy, aquatic wildlife and classroom applications, watershed teaching resources and Project Aquatic WILD, and nocturnal invertebrates, reptiles and amphibians.

All of the Natural History Weekends are dependent upon the summer rains, fire danger and the National Forests being open. You are welcome to sign up for the weekends that you are interested in and we will hope for the best. Please call or email for registration and confirmation. Contact Colleen Welch at (505) 476-8119 or cewelch@state.nm.us for the Trout and the Watershed weekends and contact Kevin Holladay at (505) 476-8095 or kholladay@state.nm.us for the Birds of Prey weekend.

Teaching Sustainability—Towards Curriculum Greening

This book, published in cooperation with the University Leaders for a Sustainable Future (ULSF), documents a wide range of works undertaken in respect of sustainability teaching, with inputs from various authors from countries as varied as Brazil, Germany, Latvia, Mexico, South Africa, Spain, The Netherlands, UK, Canada and the United States. The descriptions of approaches, methods and projects show how different universities in various parts of the world are facing the challenge of teaching sustainability concepts. Further details and a pre-order form (the book is due July 2002) are available at:
<http://www.projekte.org/teaching.sustainability>

Do you have a favorite web site?

Let us know and we will put it in the next newsletter. We are always looking for new places to go for environmental education resources. Send your web sites to: stephaniestansbury@earthlink.net

National Education and Environment Partnership

<http://www.neetf.org/Education/needp.shtm>

The mission of this newly formed Partnership is to build connections between leaders of environmental education and the broader education communities, and policymakers at the federal, state and local levels. The National Education and Environment Partnership (NEEP) believes that environment-based education is an authoritative, rigorous and effective vehicle for improving the overall performance of K-12 schools, students and teachers. NEEP will also be identifying opportunities for environmental and environment-based education in new and existing state and federal programs. NEEP is a project of the National Environmental Education & Training Foundation and the U.S. EPA's Office of Environmental Education with additional support from the Gund and AT&T Foundations.

Achieving Sustainable Communities: Science and Solutions

<http://cnie.org/NCSEconference/2001conference/report/page.cfm?FID=1692>

"Achieving Sustainable Communities" is a report from the second National Conference on Science, Policy, and the Environment released by The National Council for Science and the Environment (NCSE). This far-reaching document underscores new approaches for creating strong economies and healthy communities and provides constructive approaches to address complex issues such as economic development versus ecosystem protection. Editors of the report have also created a list of the "Top 10 Keys To Sustainable Communities." These "Keys" identify the crucial aspects of achieving sustainable communities at the local, regional and national levels.

GreenWorks Grants

<http://www.plt.org/greenworks/grantinfo.cfm>

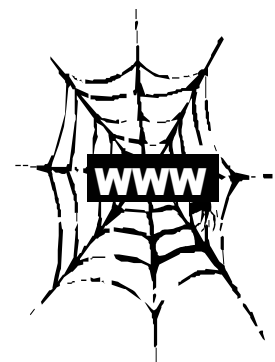
Project Learning Tree (PLT) funds grant requests from teachers ranging from \$200 to \$1000 to implement environmental community action and service learning projects. Participants are encouraged to form partnerships with groups, businesses or organizations within their communities to help implement and sustain environmental projects. Examples of past projects include stream clean-ups, graffiti paint-overs, outdoor classrooms, schoolyard restoration, and habitat improvements. GreenWorks! grant proposals are accepted between May and September.

Toshiba America Foundation Grants

<http://www.toshiba.com/taf/apply.html>

The Toshiba America Foundation encourages programs, projects and activities that have the potential to improve classroom teaching and learning of science, mathematics and the science and mathematics of technology. Funding is available for private and public schools, grades 7 - 12. Applications for small grants (\$5,000 or less) are accepted year round. Applications and guidelines are available online in PDF.

EE
connected



ASCD EE Network Unveils New Web Site

<http://eelink.net/environmentaleducationnetwork.html>

The Association for Supervision and Curriculum Development's (ASCD) Environmental Education Network has launched a new web site intended to keep ASCD members informed about environmental education activities. ASCD, with over 165,000 members worldwide, is one of the largest education organizations in the world. The ASCD EE Network, in cooperation with NAAEE, EETAP and EE-Link, promotes awareness and understanding of environmental education and its role in the formal education system. The new web site includes a quick introduction to EE, ASCD's position on environmental education, membership information, links to ASCD publications with an EE focus, and links to various other EE web sites.

School Grants Web Site

<http://www.schoolgrants.org>

The SchoolGrants goal is to help the most kids as possible by empowering those who teach them with the knowledge and resources necessary to write successful grant proposals. SchoolGrants was created in 1999 as a way to share grant information with PK-12 educators. Grant writing can be intimidating to those who are new at it. SchoolGrants helps ease those fears by providing tips to those who need them. Finding suitable grant opportunities requires a great deal of time and research. SchoolGrants reduces the effort by listing a variety of opportunities available to elementary and secondary schools and districts across the United States.

A Question-based Framework for Shaping Environmental Literacy

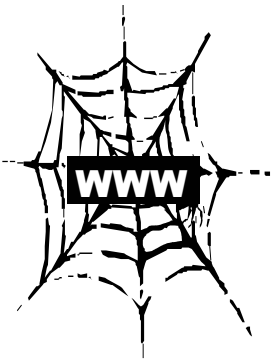
<http://www.schoolsgogreen.org/curriculum/question/>

This Framework was built on the premise that although environmental issues and concepts change with time and changing technologies, the questions that underlie them remain the same. The Questioning Framework for Shaping Environmental Literacy is a curriculum-building device based on the premise that questions lead to, and provide the context for, basic concepts about the environment and our relationships with it. Such concepts underlie the environmental issues that many programs use as the starting point of their efforts in environmental education. The working draft of the Framework is now available online, please send comments and questions to Charles Roth at: ceroth@cheshire.net. This Framework was developed in cooperation with the Dunn Foundation and Antioch New England's Center for Environmental Education.

Energy Design Guidelines for High Performance Schools

http://www.eren.doe.gov/energysmartschools/pdfs/designguide_hotdry.pdf

The Department of Energy (DOE) has released the first of seven volumes of design guidelines for energy-efficient schools. The new design guidelines cover a wide range of technologies for schools in hot and dry climates, and also include numerous case studies from schools around the country. The remaining six volumes will cover the other U.S. climate zones and will be released by this summer. DOE aims to help school districts achieve energy savings as they renovate old schools or build new ones. U.S. school districts are expected to spend \$79 billion on such projects over the next three years. The design guidelines are a product of EnergySmart Schools, a part of DOE's Rebuild America Program.



MEMBERSHIP APPLICATION

Name: _____ Affiliation: _____

Year-round Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Phones: W. () H. () Fax ()

Email Address: _____ Web Address: _____

CHECK ONE OF THE FOLLOWING MEMBERSHIP TYPES

- Limited Income/Student Membership.....\$10.00
- Individual Membership.....\$25.00
- Organizational Membership.....\$50.00
(Allows for 1 voting member and 2 general members)

Name of voting member

Names of 2 additional newsletter recipients

Occasionally, other EE organizations ask for the EEANM mailing list. The EEANM Board is selective in giving out the list to organizations with similar interests or mission(s).

Check here if you object to your name being given to other organizations.

Notes for EEANM Membership Directory: Briefly include, in ten words or less, how you are involved in EE

ENVIRONMENTAL EDUCATION ASSOCIATION OF NEW MEXICO

P.O. Box 36958, Albuquerque, NM 87176-6958

Pre-Sort Standard
U.S. Postage
PAID
Permit No. 388
Albuquerque, NM

COMPLIMENTARY ISSUE

Please support EEANM. Join Today!

Editor: STEPHANIE STANSBURY
All submissions and changes of address to:
stephaniestansbury@earthlink.net
Layout by STEPHANIE STANSBURY
Printed by MONOLITH PRINTING