

# EECO

Environmental Education Council Of Ohio

Issue Focus:

## ..the Pillars of EECO

Fall 2012

### Pillars of EECO

By Joyce Meredith, EECO President

“Pillar. a supporting, integral, or upstanding member or part” (Merriam-Webster online dictionary). At this year’s 45th anniversary EECO conference, we celebrated several “pillars” of Ohio environmental education. People who have been leaders through the years, from the early Ohio Conservation and Outdoor Education Association (OCOEA) days to the present. People who have contributed to our field through research, teaching, mentoring, example, and hard work. People who are indeed “integral” to the EECO we are today.

For this year’s conference, we invited all the past presidents and past winners of the Finlay-Johnson award, given to an EECO member for making a significant or outstanding contribution to EECO, at least those we could locate, to a special reception in their honor followed by the annual awards banquet. Those who joined us for this time of reminiscing, celebrating, and catching up with old friends were Erv Ball, Pat Barron, Herb Broda, Diane Cantrell, Sue Cook, Rosanne Fortner, John Hug and wife Ellie, Paul Khacherian, Paul Knoop and wife Cathy, Marty McTigue, Deb Rex Reed and Ron Reed, Jeanne Russell, Dave Todt, Carolyn Watkins, and David Wright. It was an honor to have them among us. Special thanks go to Dave Todt for his concurrent session on the history of EECO and its conferences.

We are grateful for the contributions these “supporting, integral, and upstanding” individuals have made to our field and our organization. Here’s to the next 45 years, and to all the pillars yet to come!



**Pillars of EECO at the 45th Annual Conference:**  
**(left to right) Marty McTigue, Sue Cook, Herb Broda, Paul Khacherian, John Hug, Deb Reed, Paul Knoop, Rosanne Fortner, Ron Reed, Pat Barron, Jeanne Russell, Diane Cantrell, and Carolyn Watkins**

### Save the Date

#### **OEEF Letter of Intent Deadline**

Jan 8, 2013, 5 pm

#### **OEEF Grant Submission Deadline**

Jan 15, 2013, 5 pm

#### **Winter Snow**

Camp Nuhop

Feb 1 - 3

#### **EECO Annual Conference**

Mohican State Park

April 11- 14 , 2013

#### **Facing the Future Workshop**

Highbanks Metropark

Dec 8, 2012

For details see back page

### 46th Annual Conference

**April 11-14, 2013  
Mohican State Park**

This year’s theme recognizes the timeliness of a resurgence in the environmental movement. Discover the many facets of environmental education, from traditional outdoor education and field studies, to the integration of STEM and mobile technology, and focus on sustainability.

We are accepting session proposals for these conference streams:

- Discoveries
- Responsibilities
- Traditions
- Technologies

Session proposals are due now.

See [www.eeco-online.org](http://www.eeco-online.org)

# Brief History of EECO

## By Sue Cook, Ron and Deb Reed

EECO has a rich history going back to the 1940's when the Land Lab met in various Ohio camps in the summer for resident programs of conservation/environmental education. Many people (mostly public school teachers) attended sessions, often lasting for several days. It was a very popular program with classes taught by a number of excellent teachers from various Ohio colleges and universities.

When the federal government began to offer scholarships for programs out-of-state, the attendance dropped in numbers and the Land Lab went out of existence in the 1950's. Even so, Land Lab alumni organized weekend retreats and kept the spirit alive. When the attendance at the weekend sessions began to decline, those left decided a state organization should be formed. In 1967, a group formed called The Ohio Conservation and Outdoor Education Association (OCOEA). The first annual conference took place in the spring of 1968 at Hidden Hollow Camp, near Mansfield. Mohican Outdoor School was offering a resident outdoor environmental education program to several school districts for a week-long program at Hidden Hollow. OCOEA decided Mohican was following in the footsteps of the Land Lab of the past and a yearly conference was established. Later, the name of the organization was changed to the Environmental Education Council of Ohio (EECO).

Bob Tewilleger (17th president) had saved important documents of the organization and an archives was established. Bob gave all his historical papers to Ron Reed (5th president) and Deb Reed (board member and historian) and they organized the archives and wrote articles for the newsletter "From the Archives." For several years, the history of our organization was housed at the Reed farm until John Hug (board member and educational advisor) made contact with Professor K. Sebaly of Kent State University who was in charge of the Special Collections and Archives at the Kent Library. Professor Sebaly was establishing a history of environmental education in Ohio, and our organization's archives were moved to Kent.

At the 45th annual EECO conference, the "pillars" of the past were recognized and Dave Todt (13th president) gave a talk about the organization's history. In the hallway conversations, it was decided to send some representatives to Kent to see what they had about our organization. Sue Cook (20th president) and Ron and Deb Reed met with Cara Gilgenbach, Head of Special Collections and Archives, who showed us four big boxes of OCOEA and EECO records up to 1998. No records after 1998 are in the Kent library. Sue, Ron and Deb visited Kent two additional times and added historical facts to the library. We still need information about conferences, brochures, photos, committee names, board member lists, minutes, newsletters, award names, non-profit government reports and other important information – especially from 1998 to the present. We would appreciate input on how to recognize recent activity and we need a committee to go to Kent State to add to the archives whatever we can. Every member has something to contribute! To help, please contact Brenda Metcalf, EECO Executive Director.



**Sue Cook, Herb Broda, Paul & Cathy Knoop, & Carolyn Watkins**

## Some Thoughts from the EECO Pillars

We asked many of the EECO Pillars a series of questions to find out what they value most about EECO and the activities and resources that they most value. Please find excerpts from these conversations throughout this issue.

### **What is a favorite memory of EECO?**

There are many but my two favorites are 1) The blizzard that hit the 1987 Annual Conference at Big Prairie. As the schedule and sessions got buried in snow, it was amazing how those who were able to drive in worked their magic and sessions materialized to make an unforgettable conference. 2) The start of the Winter Snow-Out We Go northeast regional conference in 1982 which continues to the present. What a unique group of people and great times and friendships. Thanks for this opportunity to reflect. My relationship with OCOEA/EECO has been an amazing personal and professional journey. **Sue Cook, Retired Teacher. Involved since 1980.**

The 2012 conference at Shawnee State Park was a pinnacle for this "Pillar!" I was so touched by your reaching out to some of the "heritage" members of EECO and collecting them in one place. To see these dear friends and remember old times, but also share the laughter and commitment with new generations of educators, was more than most of us could manage with dry eyes. We have such a rich legacy built on the likes of people like John Disinger and Mary Lynne Bowman, who left this ecosphere before they could enjoy the warmth of such recognition. As usual, I came away vowing to pay forward even more into EE because of the value and caring of friends in EECO. **Rosanne Fortner, Professor Emerita, The Ohio State University; former Ohio Sea Grant Education Coordinator; former Director of the Center for Ocean Sciences Education Excellence [COSEE] Great Lakes. Involved since 1980, but left Ohio in 2005.**

So many memories revolve around EECO conferences – night hikes and campfires, sledding, field trips, networking - but the best are the friendships that were formed in sharing these experiences. **Marty McTigue, Retired Teacher. Involved since about 1986.**

**Insert and funding for this newsletter is generously provided by the Ohio Environmental Education Fund (OEEF)**



**OEEF Letter of Intent Deadline**

Jan 8, 2013, 5 pm

**OEEF Grant Submission Deadline**

Jan 15, 2013, 5 pm

**For more information on these grants, Please contact:**

Ohio EPA Office of Environmental Education

Phone: 614-644-2873

Website: [www.epa.ohio.gov/oeef](http://www.epa.ohio.gov/oeef)

Email: [oeef@epa.state.oh.us](mailto:oeef@epa.state.oh.us)



**Upcoming Grant Writing workshops:**

Please visit [www.epa.ohio.gov/oeef](http://www.epa.ohio.gov/oeef) for more information about upcoming grant writing workshops.

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## Recent OEEF Mini Grants Awarded

**Barnesville Hospital Association, Inc., “Community Mercury Thermometer Exchange”**

\$5,000, Belmont & Monroe County Aud: General Public, Michael Carpenter, [mccarpenter@barnesvillehospital.com](mailto:mccarpenter@barnesvillehospital.com), 740-425-3941.

**Brookville Local Schools – Brookville High School, “Food on Our Table”**

\$2,200, Montgomery County, Aud: Elementary, Middle and High School, Cynthia Tucci, [bvhsctucci@mdeca.org](mailto:bvhsctucci@mdeca.org), 937-833-6761.

**Cleveland Heights University Heights – Ruffing Montessori School, “Land Restoration with Ruffing Montessori School and the Nature Center at Shaker Lakes”**

\$5,000, Cuyahoga County, Aud: Elementary, Mary Elizabeth McCormack, [marybethm@ruffingmontessori.net](mailto:marybethm@ruffingmontessori.net), 216-321-7571.

**East Cleveland City School District – Shaw High School, “East Cleveland Watershed Education Project”**

\$5,000, Cuyahoga County, Aud: High School, James Tolmie Watson, [jwatson@east-cleveland.k12.oh.us](mailto:jwatson@east-cleveland.k12.oh.us), 216-268-6500.

**Lisbon Exempted Village Schools – David Anderson Jr-Sr High, “Using Technology to Teach Environmental Sustainability”**

\$4,681, Columbiana County, Aud: Middle School, Beth Hiscox, [beth.hiscox@omeres.net](mailto:beth.hiscox@omeres.net), 330-853-3182.

**Georgetown Exempted Village Schools – Georgetown Jr/Sr High School, “Water Sampling and Test of White Oak Creek by High School Students”**

\$3,396, Brown County, Aud: High School, David Earl Whittington, [whit2753@fuse.net](mailto:whit2753@fuse.net), 937-378-6730.

**Harrison Hills City Schools Harrison North Elementary, “Harrison North Environmental Center”**

\$4,900, Columbiana and Harrison Counties, Aud: Pre-School- Elementary, Shawnee Dee Arbaugh, [sarbaugh@hhcsd.org](mailto:sarbaugh@hhcsd.org), 740-946-1055.

**Hubbard Exempted Village Schools, “Land Lab Initiatives”**

\$5,000, Trumbull County, Audience: K-12, Lucille Esposito, [espositol@hubbard.k12.oh.us](mailto:espositol@hubbard.k12.oh.us), 330-534-1921.

**Lake Co. Soil and Water Conservation District, “Arcola Creek Watershed Landowner Outreach”**

\$4,735, Ashtabula & Lake Counties, Aud: General Public, Maurine Orndorff, [morndorff@lakecountyohio.gov](mailto:morndorff@lakecountyohio.gov), 440-350-5863.

**Mahoning Soil and Water Conservation District, “Mahoning County Junior Envirothon”**

\$1,168, Mahoning County, Aud: Middle School, Kathleen Vrable-Bryan, [kvrable-bryan@mahoningcountyoh.gov](mailto:kvrable-bryan@mahoningcountyoh.gov), 330-740-7995.

**Phoenix Academy Community School, “Water Quality Investigation”**

\$863, Lucas County, Aud: High School, Kimberly Bigioni, [kim.bigioni@phoenixtoledo.org](mailto:kim.bigioni@phoenixtoledo.org), 419-720-4505.

# Announcing... OEEF Outstanding Project Award Winners for the K-12 Audience

Periodically, Ohio EPA contracts with EECO to assess the success of completed grant projects targeting K-12 students, or providing professional development for teachers and other environmental educators working with schoolchildren. EECO assembles a team of teachers and non-formal educators to select the best completed grant projects to honor with OEEF Outstanding Project Awards. The team reviews current scholarship on student learning, and publications such as EECO's Best Practices Guidelines for Environmental Education: Guidelines for Success, online at <http://www.eeco-online.org/publications/pdfs/beeps.pdf>, and the North American Association for Environmental Education's Excellence in Environmental Education – Guidelines for Learning (K12) available online at <http://www.naaee.org/publications/guidelines-for-excellence>. Because OEEF grant projects are quite diverse and grant products are often similar in format to portfolios, the team uses a holistic instrument for the grant evaluation process. They developed paragraph rubrics for three categories: curriculum development, student activity, and professional development for K-12 educators. These instruments have been refined several times over the years as new award winners have been selected. The instruments and the award winners are posted at [http://www.epa.ohio.gov/oef/oef\\_featured\\_ee\\_projects.aspx](http://www.epa.ohio.gov/oef/oef_featured_ee_projects.aspx)

In this issue, we showcase 12 new outstanding projects, to inspire educators and prospective grant applicants. We would also like to thank Pat Barron and Diane Cantrell for their enthusiasm and expertise in facilitating this latest review!

## **Dublin City Schools, Wyandot Elementary School, P.O.N.D. (People, Water, Nature, Diversity)**

\$44,388, Age Range: Elementary School, Franklin County, Contact: Sharon Buda, [buda\\_sharon@mail.dublin.k12.oh.us](mailto:buda_sharon@mail.dublin.k12.oh.us), 614-761-5840.

Involved 587 students and 52 staff members in restoring riparian habitat around a half-acre pond behind the school, collaborating with a series of artists-in residence to trace the impact of water quality in the pond, through the stream into which it feeds, and on to the Scioto River, Ohio River and Gulf of Mexico. Students and teachers worked with children's author and biologist Ron Hirschi to explore the biodiversity of the pond through seining, then implemented an action plan to improve natural habitat. Students worked with playwright Tom Anderson, muralist Amy Yaich and stained glass artist Jane Albretch to create a play, murals and stained glass windows about biodiversity. Student investigations and authentic problem solving also led to: installation of a path to allow handicapped access to the pond; creation of bird feeders that were distributed to 18 schools throughout the city and local parks; and recognition of local businesses that demonstrate environmentally friendly business practices. DVD's and Journey Tins documenting their efforts have been distributed nationally.



## **Action for Children, Nurturing Nature in the Wonder Years**

\$48,769, Age Range: Early Childhood, Franklin County, Contact: Betsy Loeb, [Betsyloeb@actionforchildren.org](mailto:Betsyloeb@actionforchildren.org), 614-224-0222 ext. 126

Provided professional development tools to help 25 early childhood directors, teachers and family child care providers incorporate environmental education content and activities into their curricula. In addition, 30 instructors from the resource and referral system throughout Ohio participated in a two-day train-the-trainer program. A Resource Guide for Nature Explorations that includes activity ideas from Metro Parks and website lists

was created and distributed to all participants. Early childhood education expert Dr. Ruth Wilson led a seminar at Sharon Woods Metro Park for 62 parents and local educators. Wilson is a previous OEEF Outstanding Project awardee for her book *Fostering a Sense of Wonder During the Early Childhood Years*, available online at [www.epa.ohio.gov/oeef](http://www.epa.ohio.gov/oeef)

## **Black Swamp Bird Observatory, Ohio Young Birders Club (OYBC) Field Training Program**

\$25,355, Age Range: Middle and High School, Clark, 12 central and northwest Ohio counties, Contact Kimberly Kaufman, [kimkaufman@bsbo.org](mailto:kimkaufman@bsbo.org), 419-898-4070.

The project goals go beyond getting young people outside and connected with nature, to reinforce career skills, instill a conservation ethic, and facilitate conservation action through peer interaction, mentoring, and leadership. The monthly field training program for youth ages 12-18 involved students from surrounding counties and members of the Amish birding community. In addition to field outings, OYBC members regularly participate in BioBlitz science projects, habitat restoration projects, generate content for the club newsletter, and host an annual conference where students present on conservation topics of their choosing. This project has been replicated in 16 other states listed at [http://ohioyoungbirders.org/states\\_with\\_young\\_birder\\_clubs.htm](http://ohioyoungbirders.org/states_with_young_birder_clubs.htm) and BSBO has partnered with the Cornell Lab of Ornithology to initiate a national Young Birders Network, including producing a How to Start a Young Birders Club Toolkit. The program Website is located at <http://www.ohioyoungbirders.org/>



**Clermont Soil and Water Conservation District, Partnering to Protect Water Resources: A Rain Garden Demonstration and Education Project**

\$50,000, Age Range: Elementary Through High School, Clermont County, Contact: Paul Berringer, pberringer@clermontcountyohio.gov, 513-732-7075.

Provided demonstration rain gardens on the campuses of each of the nine local school districts within Clermont County, plus the Grant Career Center in Bethel. An accompanying classroom and field study curriculum helped teachers explain the installations and environmental benefits of rain gardens and rain barrels. A rain garden workshop for the general public was held in conjunction with the installation of one of the rain gardens, and was filmed by the Clermont County Today cable television program. A local Web page at <http://www.clermontstorm.net/rgschools.aspx> includes photos, the site list, and a printed guide to help residents create and register their own rain garden to help with storm water management.



**Springfield Schools Foundation, Taking a New Look at the Grove, an Endangered Oak Openings Ecosystem**

\$14,328, Age Range: Elementary and High School, Lucas County, Contact: Marty Perlaky, sphs\_mwp@nwoca.org, 419-867-5633.

High school biology honors students worked with gifted elementary students to document the condition of the Oak Openings ecosystem in The Grove, a 12-acre property owned by the School District. Students conducted a 12-month baseline survey of the site by sampling water and soil and preparing an inventory of native and invasive plant and animal species. They shared their findings with other students, community residents and leaders, and organizations with online environmental databases. The data gathered in this project is the basis for a multi-use restoration plan for The Grove that will include an outdoor classroom where students can study the unique characteristics of the Oak Openings ecosystem.



**Miami University, Center for Environmental Education, Natural History and Conservation, GREEN Teachers Institute: InteGreat Science**

\$14,133, Age Range: Elementary and Middle School, 15 southwest Ohio counties, Contact: Donald Kaufman, kaufmadg@muohio.edu, 513-529-4617.

Supported a week-long summer workshop and fall semester online course for 40 K-8 teachers, using inquiry-based, hands-on science activities and web-based instructional technologies to teach about ecological issues. After fulfilling all requirements, participants received four graduate credits from Miami University. Course Units and Activities in the life sciences include "The Role of Producers," and "Food Chains and Webs," posted at [InteGreatScience.org](http://InteGreatScience.org). Courses were created under the direction of master teacher John Farmer, adjunct instructor at Miami University and fifth grade teacher in the Forest Hills School District.



**North Central Ohio Educational Service Center, Dynamic Watershed Environmental Research Project**

\$5,000, Age Range: Elementary, Middle and High School, Adams, Columbiana, Marion, Muskingum, Seneca, Wyandot, and Scioto Counties, Contact: Kathleen Mohr, kmohr@ncoesc.org, 419-447-2929.

Provided field trip transportation, monitoring equipment and handheld GPS units to help students in grades 3-12 at seven schools study the boundaries of their local watershed and assess local water quality. Students presented research findings to peers, environmental agencies, and community members.



**Delaware City Schools, David Smith Elementary School Arts Council, Impact of Waste on the Olentangy River Through Arts Learning**

\$4,899, Age Range: Elementary School, Delaware Co., Contact: Susanne Mussenden, susanne287@aol.com, 740 833-1350.

Provided funding for guest artists, bus transportation, water quality monitoring and paper-making supplies for a program at an arts-integration school on how recycling and waste handling practices impact the Olentangy River Watershed. Over 400 K-4th grade students participated.



**Elgin Local Schools, Elgin South Elementary School, All about Energy**

\$4,966, Age Range: Elementary School, Marion County, Contact: Sandy Stevens, stevens\_s@elgin.k12.oh.us, 740-494-2677.

Provided supplies and a field trip to help 44 fourth and 52 fifth grade students learn about different forms of energy, how energy consumption affects the environment, alternative energy sources, and how to calculate and reduce their personal carbon footprint as well as the schools.





**Bethany School, Environmental Education and Decision Making Overnight Camp**

\$2,824, Age Range: Middle School, Hamilton County, Contact: Michelle Mellea, mellea@bethanyschool.org, 513-289-6072.

Provided a two-night field experience at the Wilds for seventh grade students as a culminating event for a unit on environment, ecology and economic decision making. Student activities included using a decision making model on restoration of a wetland for an endangered frog species; interpretive hikes on land use, biodiversity, invasive species, and ecosystems; and a genetics workshop on species survival plans focused on rhinos. The

students also studied Grailville’s constructed wetland wastewater treatment system.

**Indianola Children’s Center, Rain Garden for Young Children**

\$4,783, Age Range: Early Childhood, Franklin County, Contact: Tina Thonnings, indianolachildcenter@yahoo.com, 614-262-1090.

An outdoor learning center was created on church property to allow toddlers and preschoolers ages 18 months to six years to experience nature in an outdoor setting. The site features gardens, pathways, play areas, and a green infrastructure rain garden that collects rain water from the church roof in order to limit large volume releases of water to the storm sewers. The project also provided professional development opportunities for teachers at the Center to use outdoor nature activities from the Growing Up WILD curriculum.



**Miami County Park District, The Quest for Science Knowledge through Nature Immersion**

\$4,997, Age Range: Elementary and Middle School, Miami County, Cinda Hanbuch-Pinkerton, 937-667-1286.

Quest is an innovative multi-faceted family- and school-based environmental education program that addressed the growing need for children to connect with the natural environment to improve academic performance, environmental stewardship and health. This project involved students with their families in outdoor science and nature education that connect with student classroom studies and result in academic credit or incentives at

school in correlation with the state Academic Content Standards. Examples of the multi-faceted Quest program included: river walks, a nature book club, pond dipping, soil investigating, bird and insect observations.

**2012 EECO Annual Appeal**  
***Leaf by Leaf, We’re Raising Some Green!***

**You can help EECO**

- reach new audiences through efforts like No Child Left Inside, Green Ribbon Schools, and Caring for Our Watershed
- develop and support EE professionals through EE Certification, top notch workshops and conferences, and EECO’s statewide network for regional professional development
- foster environmental literacy and stewardship through Ohio’s new Environmental Literacy Plan



**Yes! I’ll help with a gift of**     Red Maple (\$25)                     Sweetgum (\$50)                     Buckeye (\$100)  
    White Oak (\$200)                     Tulip Poplar (\$500)

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Address \_\_\_\_\_

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E-mail \_\_\_\_\_

Please make your tax deductible gift by check payable to EECO and mail with this form to:  
**EECO, P.O. Box 1004, Lancaster, OH 43130**

\*Gifts at various levels may be recognized in EECO publications.

# Some Thoughts From the EECO Pillars Continued....

## **What do you value about being a part of EECO?**

Having an organization where so many people with the same interests was available to keep you motivated and knowledgeable about your field. The break-out group we created with directors of the Outdoor Ed. Centers, belonging to EECO was incredible!! **Deb Rex Reed**, Retired Project Director Mohican School in the Out of Doors, Inc. Involved since OCOEA 1971.

I value the lifelong learning opportunities and the chance to network with like-minded, fun-loving individuals. **Jeanne Russell**, Education Coordinator, ODNR/Soil and Water Resources. Involved since 1993.

The fabulous, hard working people I met from all over Ohio, **John Hug**, Retired Ohio Dept. of Education Involved since 1964.

I value sharing experiential knowledge with others about EE practice, and learning from others. I also value being a part of our collective efforts to prove EE is a methodology for learning/ sharing that is unparalleled in its effectiveness, so I value trumpeting EE. **David Wright**, Coordinator of Education and Permaculture Design. Involved since 1999.

Experiencing camaraderie with individuals who truly appreciate and understand our relationship and mission with the environment. **Erv Ball**, Past President of EECO, Assistant Director Environmental Public Health, Cuyahoga County District Board of Health. Involved since early 2000s.

## **What is your favorite EE activity?**

There are so many wonderful activities-- I can't choose one! Although it's old-fashioned, I still have to say that Kum Bah Yah still has to rank up there as one of my all time favorite camp songs! **Herb Broda**, Professor of Education and Coordinator of First Year Programs at Ashland University. Involved since the 1980s.

Stream quality monitoring, especially with a novice group, is one of my favorite activities. I'm always amazed at the variety and diversity of critters that can be found in a stream with very little effort, and thrilled as others get that "aha" moment when they realize the biological value of that ecosystem. **Jeanne Russell**, Education Coordinator, ODNR/Soil and Water Resources. Involved since 1993.

Participating in Paul Knoop's hikes. **Marty McTigue**, Retired Teacher. Involved since about 1986.

The lesson, "How Big is a Crowd?" is a favorite. It involves string outlines of the Great Lakes and simulates population density around the lakes, relative amounts of water and fish, and how water [with pollutants] moves downstream. I also really like Project WET's "Incredible Journey," about how molecules move in the water cycle. **Rosanne Fortner**, Professor Emerita, The OSU; former Ohio Sea Grant Education Coordinator; former Director of COSEE Great Lakes. Involved since 1980.

Favorite EE activities are Macro-invertebrate H2O Sampling, Night Hikes, Anatomy and Dissection, anything in urban classrooms, anything with HS or College students, ABSOLUTE favorite is exploring water ecosystems in kayaks. **David Wright**, Coordinator of Education and Permaculture Design. Involved since 1999.

The rare opportunity (for me) to actually get out with other EE professionals during EECO conferences. It is always refreshing and rejuvenating! **Erv Ball**, Past President of EECO, Assistant Director Environmental Public Health, Cuyahoga Co District Board of Health. Involved since early 2000s.

## **What is a treasured EE resource you would recommend?**

"Silent Spring" by Rachel Carson. **John Hug**, Retired Ohio Dept. of Education. Involved since 1964.

From the past: The Steve VanMatre books: "Acclimatizing" and "Acclimatization". From the present: "Schoolyard-Enhanced Learning: Using the Outdoors as an Instructional Tool", and "Moving the Classroom Outdoors- Schoolyard-Enhanced in Action" (I have to say that I am the author, but I do feel that they are good books!!) **Herb Broda**, Professor of Education and Coordinator of First Year Programs at Ashland University. Involved since the 1980s.

Annual conferences for ideas and reconnecting with friends with similar interests, philosophies, and concerns. **Ron Reed**, Retired Executive Director and Founder of Mohican School for the Outdoors, Inc. Involved since OCOEA 1968.

"Best Practices for Environmental Education" provided structure and guidelines to develop and implement the highest quality EE programs for all possible audiences. **Sue Cook**, Retired Teacher. Involved since 1980.

One of my favorite resources is "The Streamkeeper's Field Guide" by Murdoch, Cheo, and O'Laughlin. It gives well-organized information on how streams and their surrounding watersheds function, with delightfully clever cartoons by Thomas Whittemore. **Jeanne Russell**, Education Coordinator, ODNR/Soil and Water Resources. Involved since 1993.

"Ohio's Natural Heritage" is the best book about Ohio. **Marty McTigue**, Retired Teacher. Involved since about 1986.



**Roseanne Fortner & Herb Broda  
at the 2012 Annual Conference**

# Facing the Future Workshop

**December 8, 8:30 am - 4:00 pm**  
**Highbanks Metropark Nature Center**  
**Lewis Center, OH**

In a world where the lives of our neighbors next door are inextricably linked to those of our neighbors abroad, this curriculum helps students discover the linkages between local and global issues, and how they can personally help build positive local and global communities. Learning activities empower teachers with the resources they need to ignite their students' interest in conservation issues while helping them achieve academically.



**Who:** Curriculum and Activities geared for grades K – 8.  
**Cost:** \$35 Teachers will receive three guidebooks  
**How to Register:** Contact Linda Pettit at linda.pettit@franklinswcd.org or 614-486-9613 ext. 115.

## EECO Regional Directors

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Linda Pettit, Franklin SWCD  
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COLUMBUS, OH  
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The EECO Newsletter is published for members of the Environmental Education Council of Ohio, a non-profit organization.

This newsletter is digitally printed on 100% pcw recycled paper.

The OEEF/EECO Partnership contributions and the dissemination of this newsletter are paid for by a grant from the Ohio Environmental Education Fund

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