**President's View by Nancy Snider**

Do you remember playing outdoors as a child? I remember running outside after dinner to climb my favorite trees (the one the fairies lived in), to play with the dogs, and to see that my horse was bedded down for the night. Today the average child only spends four to seven minutes in unstructured outdoor play each day. (from [http://www.nwf.org/Get-Outside/Be-Out-There/Why-Be-Out-There/Benefits.aspx](http://www.nwf.org/Get-Outside/Be-Out-There/Why-Be-Out-There/Benefits.aspx))

Wow! That astonishes me. My favorite childhood memories center around the outdoors while today’s child is rarely outdoors. Some might say so what? Big deal? They are busy, playing computer games inside, texting their friends, etc. Well it is a big deal! Today’s children may be the first generation at risk of having a shorter lifespan than their parents. [Fact sheet on Children’s Health and Nature from http://www.neefusa.org/health/children](http://www.neefusa.org/health/children).

The shift to a sedentary inside lifestyle has impacted the wellness of our children. Childhood obesity rates have more than doubled in the last 20 years. With this increase there is also an increase in obesity related disease such as Type-2 diabetes, hypertension, asthma and cardiovascular disease. There is a growing body of research that indicates that outside play can increase fitness levels and thus reduce obesity. Outside play and activities in nature have also been shown to reduce stress in children and adults. Studies have also shown that children with ADHD have a reduction in their symptoms when exposed to nature. So much so, that the American Academy of Pediatrics (AAP) in a 2006 policy statement recommended:

> "Active healthy living: prevention of childhood obesity through increased physical activity
> • Infants and toddlers should be allowed outdoor physical activity and unstructured free play and explorations
> • Parents should encourage children to play outside as much as possible" (AAP Council on Sports Medicine and Fitness and Council on School Health, *Pediatrics* 2006.117:1834-1842)

So what can we do?

Check out the Children and Nature Initiative from the National Environmental Education Foundation [http://neefusa.org/health/children_nature](http://neefusa.org/health/children_nature). NEEF’s Children and Nature Initiative addresses two important issues—preventing serious health conditions like obesity and diabetes and reconnecting children to nature. It also educates pediatric health care providers about prescribing outdoor activities to children. The program also connects health care providers with local nature sites, so that they can refer families to safe and easily accessible outdoor areas. Check out the prescription pads for outdoor activities!

continued on page 2...
President's Letter Continued

This also connects to my last column and supporting the Missouri Children and Nature Challenge and the No Child Left Inside Act.

We need to get the word out!

We also need to continue our support of the No Child Left Inside Act which would provide funding for outside, environmental education. Fax or email a letter urging your legislators to support the inclusion of environmental education in the No Child Left Behind reauthorization bill as proposed in the No Child Left Inside Act of 2007. Go to www.eeNCLB.org to send a letter. After sending your email or fax, call each of your legislators’ offices and ask to speak to the education staff person. Tell them how important it is that your legislator supports the No Child Left Inside Act. Remember to thank those who have signed on as co sponsors!

Also take a kid outside and PLAY!

( to keep track of the No Child Left Inside Act HR2054, S.866 go to www.thomas.gov and type in the Bill number)

Missouri No Child Left Inside News by Jenna Rhodes and Jan Weaver

No Child Left Inside is an amendment to the Federal Elementary and Secondary Schools Act of 1965 that would provide funds to states that have an approved environmental literacy plan. http://www.cbf.org/Page.aspx?pid=948

Missouri received a grant from the EPA (along with the other states in EPA Region 7 - Iowa, Kansas, Nebraska) to draft an Environmental Literacy Plan. Goals and Strategies that are being considered are shown below. THIS IS A DRAFT!

Draft Goal 1 - Educating Students to be Environmentally Literate

• Missouri content standards will reflect NAAEE* Guidelines for Excellence for K-12 education
• Environmental Education will be addressed in every content area in K-12 education
• There will be a stand-alone environmental science course for use in middle school, high school and on-line settings
• Ensure that Missouri graduation requirements produce environmentally literate students

Draft Goal 2 - Professional Development of Educators for Environmental Literacy

• Pre-service teachers have the environmental education background necessary to ensure the environmental literacy of their students
• In-service teachers have the opportunity to participate in high quality, research-based environmental education professional development opportunities for use in the classroom
• Non-formal educators provide high quality, research-based environmental education professional development to formal educators

Draft Goal 3 - Learning Environments

• There is a “green schools” report card program and database
• There are quality outdoor experiences through schools at least three times in their school career for every student
• There is institutional support for school yard programs in all schools or districts
• There is a website where students and educators can access data on Missouri’s environment and where students, educators and agencies can post environmental information, stories and podcasts

* NAAEE is the North American Association for Environmental Education

If you are interested in reviewing the final draft of the plan, email Jenna Rhodes at jenna.rhodes@csd4.k12.mo.us

MISSOURI NCLI COALITION MEMBERS


If you would like your organization to become a Coalition member - go to http://www.surveymonkey.com/s.aspx?sm=JRAyPWHwlIPEBTh_n2f_2bnZlw_3d_3d

If you would like to help support final passage of this legislation send a check made payable to NCLI with NCLI Challenge in the memo section to: NAAEE, 2000 P Street, Suite 540, Washington, DC 20036
Environmental & Environmental Education News

Missouri Takes 11th in 2010 Canon Envirothon
Missouri's Team scored 495.67 in the 2010 Canon Envirothon, coming in 11th behind California (40.33) Florida (525.67), Maryland (515.67), Minnesota (512.67), Delaware (512.33), Wisconsin (511.00), Ontario Canada (509.67), New York & Ohio (507.67), New Hampshire (506.67), and Massachusetts (504.67). The students on the Missouri Team were Jeffrey Rubel, Austin Caldwell, Riley Sloan, Foster Honack and Richard Wright, with advisor SueAnn Wright. This is the second year that Ms Wright has taken a team from Pembroke to the Canon Envirothon, a competition on environmental knowledge for North American High School Students.

Ozark Hellbender Proposed for Endangered Species List
Ozark Hellbenders are salamanders found only in pools of fast flowing streams of Ozark Plateau in southern Missouri and northern Arkansas. Increasing levels of silt from erosion, nitrogen and phosphate from fertilizers and heavy metals from mining regions are the reason the U.S. Fish and Wildlife Service is considering listing the salamander. The Hellbender is large, with a flattened body, dark mottled skin, and folds of skin in their sides through which they absorb oxygen. They are believed to occur only in these Missouri counties - Carter, Dent, Douglas, Howell, Oregon, Ozark, Reynolds, Ripley, Shannon, Texas and Wright (+six Arkansas counties)

Conservation Department Considers Elk Introduction
The Conservation Department is considering establishing a herd of elk in an isolated rural area of Shannon, Reynolds and Carter Counties as a way to boost tourism and the local economy. The long term goal is to have the elk controlled through hunting. The Farm Bureau has strenuously objected arguing that elk will obstruct traffic, trample fences, decimate crops and may transmit diseases to livestock. The Conservation Department Elk Restoration Comment site is at http://mdc.mo.gov/contact-us/elk-restoration-comments.

Missouri Outpaces Most of the Nation in Childhood Obesity
Twenty nine percent of Missouri High School students are overweight or obese, compared with 28% nationwide. Contributing factors are mother's diet and weight gain during pregnancy, and infant and toddler feeding practices. September is National Childhood Obesity Awareness Month. Missouri's 2005 Obesity Prevention plan recommends breastfeeding babies, eating more fruits and vegetables, increasing dairy and calcium consumption, decreasing portion sizes, consuming fewer sweetened beverages, engaging in moderate physical activity, supporting school physical education, and reducing TV. http://www.dhss.mo.gov/obesity/

NOAA: Fourth Warmest U.S. Summer on Record
The contiguous United States had its fourth-warmest summer (June-August) on record, according to the latest NOAA State of the Climate report issued on September 8. It was the third warmest in the central United States. Get regular climate updates at http://www.ncdc.noaa.gov

Siemens Environmental Challenge Now Open to High School Students
The Siemens Foundation, Discovery Education and the National Science Teachers Association (NSTA) today announced the kick-off of the third annual Siemens We Can Change the World Challenge, a program that educates, empowers and engages students and teachers nationwide to become “Agents of Change” in identifying and solving environmental problems. The third year of this national sustainability challenge -- now expanded to include high school students - encourages all students, from kindergarten through twelfth grade, to team up with their classmates to create replicable solutions to environmental issues in their schools (grades K-5), community (grades 6-8) and world (grades 9-12). http://www.wecanchange.com/

September 2010 Membership Report
August 2010: 143 members (6 students, 6 retirees, 7/12 institutional, 119 professional
Welcome to New Members! Brandon Pope, Kansas City, Patrick Hosty, Prairie Village KS, Sharon Ruhnke, Troy
Renewals Due: September - Kim Garbs, Bobby Jamison, Pamela Rodgers-Hill, Bernard Rodgers-Hill, Trudy Swan; August - no renewals due; July - no renewals due; June - Rhonda Beckett, Christina Ritter, Christa Williams

Please support our Institutional Members: Watershed Committee of the Ozarks, MDC Cape Girardeau Nature Center, Missouri Recycling Program, University of Missouri Environmental Studies, AbitibiBowater Recycling, Under the Rain Tree

2010 MEEA Officers
President: Nancy Snider - St. Louis
President Elect: Mike Kromrey - Springfield
Past President: Jenna Rhodes - Grandview
Secretary: John Sode - Lebanon
Treasurer: Fran Fry - Niangua

2009 MEEA Board
Eric Arnold - Kansas City 2009 - 2010
Deb Ballin - St. Joseph - 2009 - 2010
Carol Mahan - Rolla - 2010-2011
Kathie May - Kansas City - 2010-2011
Doug Miller - Jefferson City - 2009 - 2010
Angelette Prichette - Park Hills - 2010-2011
Andrea Putnam - Jefferson City - 2010-2011

Staff and Liaisons
Communications: Jan Weaver - Columbia
Membership: Carol Harris - Jefferson City
DNR Liaison: Debbie Bruner - Jefferson City
MDC Liaison: Kevin Lohraff - Jefferson City
Professional Development Workshops
sorted first by region - NW to SE - then by date; date, title, MEEA Category - (1), (2) or (3) - location - webpage or email
MEEA Workshop Categories - Category 1: environmental education objectives; includes at least three activities; furnishes background information; supplies resources or references; incorporates a glossary; and includes an evaluation. These workshops must be approved by MEEA. Workshops already approved for college credit are automatically approved for Category 1 Workshops. Category 2: structured outdoor experiences. Category 3: EE resources. Some workshops may have fees. College credit courses will have tuition fees. Some workshops have pre-registration deadlines, act quickly if you would like to attend. Additional workshops at http://www.meea.org/profdevcalendar.shtml. Certification Program information at http://www.meea.org/certification.shtml

Northwest (Cameron, St. Joseph, Maryville, Trenton)
• nothing at this time, check nearby areas

Northeast (Hannibal, Kirksville, Macon, Mexico, Moberly)
• nothing at this time, check nearby areas

Kansas City (Blue Springs, Excelsior Springs, Grandview, Gladstone, Kansas City, Lee's Summit, Liberty, Sedalia, Warrensburg)
• nothing at this time, check nearby areas

Central (Columbia, Rocheport, Jefferson City, Marshall)

St. Louis (St. Louis, St. Louis Co Cities, Sullivan, Washington)
• September 18 - Conserving Missouri's Aquatic Ecosystems - August A. Busch Conservation Area - http://mdc.mo.gov/education/workshops

Southwest (Bolivar, Branson, Carthage, Joplin, Lebanon, Marshfield, Monett, Nixa, Ozark, Springfield)
• November 16 - Educators Bear With Us Please - Walter Woods Conservation Area, Joplin - http://mdc.mo.gov/education/workshops
• December 4 - Show Me Bat Attitudes MO Project Wild - Walter Woods Conservation Area - http://mdc.mo.gov/education/workshops

Ozark (Cabool, Eminence, Huston, Mountain Grove, Rolla, Saint James, Salem, Waynesville, West Plains, Willow Springs, Winona)
• nothing at this time, check nearby areas

Southeast (Cape Girardeau, Doniphan, Farmington, Hayti, Ironton, Jackson, Kennet, New Madrid, Piedmont, Poplar Bluff, Sikeston)
• Terrestrial Animals: Feathers, Fur & Scales - Cape Girardeau Conservation Nature Center - http://mdc.mo.gov/education/workshops

Statewide

Grants, Awards, Scholarships and Other Opportunities
• Lexus Eco Challenge. September 27 2010 Challenge 1: Land/Water; November 8 2010: Air/Climate; February 7, 2011 Final Challenge. $10,000 each for Sixteen teams (2 middle school, 2 high school in each of the four Lexus market regions) for air/climate and land/water challenges, $30,000 for grand prize winners. Design and implement a plan to address a local environmental issue, prepare and present a power point on your project. http://www.scholastic.com/lexus/
• Toshiba K-5 Grades Grants. October 1, 2010. $1000. Public and private (nonprofit) teachers for a set of lessons and/or hands on project they would like to teach. http://www.toshiba.com/taf5.jsp
• Subaru Healthy Sprouts Awards. October 1, 2010. $500 gift certificate to Gardening with Kids, "Eat a Rainbow" kit. 30 schools or organizations that plan to garden in 2011 with at least 15 children between 3 and 18. http://www.kidsgardening.org/grants/healthysprouts.asp
• Lorrie Otto Seeds for Education. October 15, 2010. $100 to $500 for establishing and maintaining native plant community, interpretive trail or wetland area.http://www.for-wild.org/seedmony.html
• Lowe's Toolbox for Education Grant Program. October 15, 2010 or when 1500 applications have been received. Up to $5000 for your school. Any non-profit public K-12 school (older than 2 years) or parent group associated with such a school (must be 501 (c) (3). For permanent facility enhancement (indoor and outdoor), landscaping, clean ups. Not memorials, stipends, salaries, scholarships. http://www.toolboxforeducation.com/
• Seaworld/Busch Gardens Environmental Excellence Awards. December 1, 2010 (received by, not post-marked). 8 winning projects receive $10,000 and a trip for 3 students and 1 teacher to a Seaworld or Busch Gardens park. http://www.seaworld.org/conservation-matters/eea/
• **Apprentice Ecologist Initiative.** December 31, 2010. $500 for 13 to 21 year olds for a project (clean up, tree planting, etc.) and essay and photo-essay describing project. [http://www.wildernessproject.org/volunteer_apprentice_ecologist.php](http://www.wildernessproject.org/volunteer_apprentice_ecologist.php)

• **President's Environmental Youth Awards.** December 31, 2010. Recognizes youth for projects which demonstrate commitment to the environment. [http://epa.gov/enviroed/peya/index.html](http://epa.gov/enviroed/peya/index.html)

For other resources, visit **EE Link -** [http://eelink.net/grants-generalinformation.html](http://eelink.net/grants-generalinformation.html) or **Grant Wrangler** [http://www.grantwrangler.com/index.html](http://www.grantwrangler.com/index.html)

### Calendar of EE Events

#### Regional (NW to SE) - more events at [http://www.meea.org/events.html](http://www.meea.org/events.html)

**Northwest (Cameron, St. Joseph, Maryville, Trenton)**

- **September 11** - Annual Insect-o-Rama - 10:00 am, MDC Northwest Regional Office, St. Joseph - [http://www.mdc.mo.gov/regions/northwest](http://www.mdc.mo.gov/regions/northwest)
- **September 18** - Refuge Volunteer Day - 9:00 am, Squaw Creek National Wildlife Refuge, cookout lunch provided - [http://www.squawcreek.org/cgi-bin/events.cgi](http://www.squawcreek.org/cgi-bin/events.cgi)
- **September 25** - Smithsonian Magazine Museum Day - 10 am to 5:00 pm, Remington Nature Center, St. Joseph - [http://www.stjoenaturecenter.info/museumday.cfm](http://www.stjoenaturecenter.info/museumday.cfm)

**Northeast (Hannibal, Kirksville, Macon, Mexico, Moberly)**

- **September 11** - Dancing Rabbit Eco-Village Tour - 1:00 pm, Rutledge (about 20 miles east of Kirksville) - [http://www.dancingrabbit.org/](http://www.dancingrabbit.org/)
- **September 18** - Refuge Volunteer Day - 9:00 am, Squaw Creek National Wildlife Refuge, cookout lunch provided - [http://www.squawcreek.org/cgi-bin/events.cgi](http://www.squawcreek.org/cgi-bin/events.cgi)
- **September 25** - Refuge Habitat Workday - 9:00 am, Squaw Creek National Wildlife Refuge - [http://www.squawcreek.org/cgi-bin/events.cgi](http://www.squawcreek.org/cgi-bin/events.cgi)
- **October 12 - October 13** - Volunteer Water Quality Monitoring Workshop Level 1 - 8:30 am to 5:00 pm, MDC Northwest Regional Office, St. Joseph - [http://mostreamteam.org/Whats_Happening.asp](http://mostreamteam.org/Whats_Happening.asp)
- **October 13** - Refuge Habitat Workday - 9:00 am, Squaw Creek National Wildlife Refuge - [http://www.squawcreek.org/cgi-bin/events.cgi](http://www.squawcreek.org/cgi-bin/events.cgi)
- **October 16** - Squaw Creek 75th Anniversary Celebration and Volunteer Appreciation Picnic - more details closer to the date, Squaw Creek National Wildlife Refuge - [http://www.squawcreek.org/cgi-bin/events.cgi](http://www.squawcreek.org/cgi-bin/events.cgi)

**Kansas City (Blue Springs, Excelsior Springs, Grandview, Gladstone, Kansas City, Lee's Summit, Liberty, Sedalia, Warrensburg)**

- **September 11, 18** - Monarch Tagging - 10:00 to 11:00 am, Burr Oak Woods Nature Center - [http://mdc.mo.gov/regions/kansas-city/burr-oak-woods-nature-center](http://mdc.mo.gov/regions/kansas-city/burr-oak-woods-nature-center)
- **September 11** - Family Fishing - 9:00 to 11:00 am, Burr Oak Woods Nature Center - [http://mdc.mo.gov/regions/kansas-city/burr-oak-woods-nature-center](http://mdc.mo.gov/regions/kansas-city/burr-oak-woods-nature-center)
- **September 11** - Turkey Vultures Past and Present - 1:00 to 2:00 pm, Burr Oak Woods Nature Center - [http://mdc.mo.gov/regions/kansas-city/burr-oak-woods-nature-center](http://mdc.mo.gov/regions/kansas-city/burr-oak-woods-nature-center)
- **September 11** - Family Festival at Beanstalk Children's Garden - 10:00 am to 3:00 pm, 6917 Kensington, KC - [http://www.kccg.org/events-workshops](http://www.kccg.org/events-workshops)
- **September 11** - Campfire Cooking - 10:00 am to 12:30 pm, Knob Noster State Park - [http://www.mostateparks.com/knobnoster.htm](http://www.mostateparks.com/knobnoster.htm)
- **September 11** - Monarch Mania - 1:00 to 3:00 pm, Powell Gardens - [http://www.powellgardens.org/default.asp?page=Calendar](http://www.powellgardens.org/default.asp?page=Calendar)
- **September 17** - National Park(ing) Day - 10:00 am to 2:00 pm, Englewood Business District, Independence Center, and Independence Square, Independence - [http://www.ci.independence.mo.us/parksandrec/Calendar.aspx](http://www.ci.independence.mo.us/parksandrec/Calendar.aspx)
- **September 18** - Family Bike Ride - 10:00 am to Noon, Rotary Park to Country Club Park on Rock Creek Trail, Independence - [http://www.ci.independence.mo.us/parksandrec/Calendar.aspx](http://www.ci.independence.mo.us/parksandrec/Calendar.aspx)
- **September 18** - Butterfly Bonanza - KC Zoo, 6800 Zoo Drive - [https://www.kansascityzoo.org/Event/Public.asp?IdS=006A16-F09C790&x=070|010&~](https://www.kansascityzoo.org/Event/Public.asp?IdS=006A16-F09C790&x=070|010&~)
- **September 18** - Monarch Mania - 10:00 am to 2:30 pm, Anita Gorman Conservation Discovery Center - [http://www.mdc.mo.gov/regions/kansas-city/discovery-center](http://www.mdc.mo.gov/regions/kansas-city/discovery-center)
- **September 18** - Schoolyard Gardening Workshop - 9:00 am to 1:00 pm, Powell Gardens $30 - [http://www.powellgardens.org/default.asp?page=Calendar](http://www.powellgardens.org/default.asp?page=Calendar)
• September 21 - Nature and Kids Art Festival - 6:00 to 8:00 pm, Anita Gorman Conservation Discovery Center - http://www.mdc.mo.gov/regions/kansas-city/discovery-center
• September 23 - Wild Ones- Pickin’ up PawPaws - 10:00 am to Noon, Burr Oak Woods Nature Center -
• September 25 - Community Shredding Event - 8:00 am to Noon, 8001 Longview Rd, KC - http://www.bridgingthegap.org/egap.php?id=116
• September 25 - National Public Lands Day - 8:00 am to Noon, habitat restoration at George Owens Nature Park - http://www.ci.independence.mo.us/parksandrec/Calendar.aspx
• September 25 - Prairie Day - 10:00 am to 2:00 pm, Burr Oak Woods Nature Center - http://mdc.mo.gov/regions/kansas-city/burr-oak-woods-nature-center
• September 25 - KC Zoo Teacher Appreciation Day - 10:00 am to 3:00 pm, KC Zoo, 6800 Zoo Dr - https://www.kansascityzoo.org/Event/Event.asp?id=06A16-F09C790&EntryType=Public&Id=486
• September 28 - Native Plant School, Perennials and Annuals - 3:00 - 5:30 pm, Powell Gardens $15 - http://www.powellgardens.org/default.asp?page=Calendar
• September 29 - Rain Barrel Workshop - 6:00 to 7:00 pm, 3 Trails Community Recycling Center,91st & Hillcrest, KC - http://www.bridgingthegap.org/egap.php?id=116
• October 2 - Wild Edibles - 10:00 am to 2:30 pm, Anita Gorman Conservation Discovery Center - http://www.mdc.mo.gov/regions/kansas-city/discovery-center
• October 5 - Conservation Issues on the Louisiana Coast - 6:30 pm socializing, 7:00 pm program, Anita Gorman Discovery Center - http://www.burroughs.org/meetings.htm
• October 5 - Trail Building 101 - 7:00 pm, Anita Gorman Conservation Discovery Center - http://missouri.sieraclub.org/ktb/meetings.html
• October 9 - Green on Green Sustainability Fair - 10:00 am to 4:00 pm, Lee's Summit, vendors welcome - http://www.bridgingthegap.org/egap.php?id=116
• October 10 - Fall Harvest Food Preservation - 1:00 to 6:00 pm, Bad Seed Farm $60, KC - http://www.badseedfarm.com/farm/?page_id=8
• October 16 - Rain Barrel Workshop - 2:00 to 3:00 pm, 3 Trails Community Recycling Center, 91st & Hillcrest, KC - http://www.bridgingthegap.org/egap.php?id=116

Central (Booneville, California, Camdenton, Columbia, Fayette, Fulton, Hermann, Jefferson City, Linn, Marshall, Mexico, Montgomery City, Osage Beach, Rocheport, Tuscumbia, Versailles, Vienna)
• September 11 - Chicken Processing Workshop: Yard to Skillet - 9 am to noon, 214 St. Joseph St - http://columbiaburbanag.org/about/calendar.shtml
• September 15 - Columbia Park Volunteer Appreciation Picnic - 6 to 8 pm, Cosmo Park, Dexheimer Shelter - for TreeKeepers, CARP, and Park Patrol programs volunteers -http://www.gocolumbiamo.com/webcal/view_entry.php?id=2080&date=20100915
• September 15 - Growing Crisis in Missouri's State Parks presented by Susan Flader - 7:30 pm, Unitarian Church 2615 Sheppard Blvd, 7:30 pm, Columbia Audubon Society - http://columbia-audubon.missouri.org/chat/
• September 18 - EcoArtFest - 2:00 pm to 6:00 pm, Cooper's Landing - http://www.morivcc.org/ecofartfest.htm
• September 18 & 19- Annual Heritage Festival and Craft Show - 10 am to 5 pm, Nifong Park - http://www.gocolumbiamo.com/webcal/view_entry.php?id=1859&date=20100918
• September 18 - Electronic Waste Collection - 9:00 am to 1:00 pm, Home Depot Parking Lot, 3215 Clark Lane - http://www.gocolumbiamo.com/webcal/view_entry.php?id=2231
• September 21 - Birding (Beginners Welcome) - 8:00 am, Columbia Twin Lakes, parking lot off Chapel Hill - http://columbia-audubon.missouri.org/chat/
• September 24-25 - 2010 Missouri Bluebird Conference - North Jefferson City, Cedar City Room - http://missouribluebird.wordpress.com/
• September 25 - In Touch with Nature Field Day - 10:00 am to 2:00 pm, Lincoln University Busby Farm -
• September 26 - Sustainable Living Fair - Columbia College Student Commons, 11 am to 6 pm - 9 workshops, 3 mini-solar tours, Kids Activities, 30 booths and vendors, food by Main Squeeze - http://www.slcolumbia.org/
• September 28 - Green Building Tour and Talk - 7:00 pm, Tour of City Hall Addition's Green Features with Barbara Buffaloe - email rbarker1@centurytel.net to reserve a spot - http://www.gocolumbiamo.com/webcal/view_entry.php?id=2210
• October 2 - 6 Level 1 Stream Team Training - Jefferson City - http://www.mostreamteam.org/online_level1.html
• October 7 - 8 - ONE 3 Energy - Ozarks New Energy Conference - http://one2.ozarksnewenergy.org/
• October 8 - 10 - Pumpkin Festival - Hartsburg - http://www.bikekatytrail.com/event.asp?eid=344
• October 9 - Canoe for Clean Water (rescheduled from earlier) Race, Float and Festival - http://www.moriver.org/race/race.html
• October 11 thru November 13th - Solar Installation and Design Class - Mondays and Wednesdays 6:00 to 8:00 pm, Columbia Area Career Center $495 - https://secure.career-center.org/wconnect/ShowSchedule.awp?~GROUP~~TISOL~Trade++&+Industry++Solar
• October 12 - Food, Fuel and Society with Ira Flatow (NPR Science Friday) - 8:00 am to 6:00 pm, Reynolds Journalism Institute, MU Campus - an interactive forum for folks on the frontline of food and fuel industries - pre-registration required - http://muconf.missouri.edu/ffs/
• October 15 to 17 - ShowMe Sustainability Conference - Maryville University, a conference for students by students -Keynote Speaker Kate Gasner, Student Task Force for Environmental Partnership - http://showmesustainability.org/
• October 15-17 - Master Naturalist State Conference - Cuisher River, Troy Missouri - http://extension.missouri.edu/masternaturalist/
• October 16 - Wilderness Adventure at Rock Bridge Memorial State Park - 12:30 to 4:30 pm, Gans Creek (plan on getting wet) call 573-449-7400 to reserve a place - http://www.mostateparks.com/rockbridge.htm
• October 16 - 8th Annual Missouri Chestnut Roast - New Franklin, 10 am - http://www.centerforagroforestry.org/
• October 16 - Hinkson Clean Sweep - 10:00 am to Noon - http://www.gocolumbiamo.com/Volunteer/
St. Louis (St. Louis, St. Louis Co Cities, Sullivan, Washington)

- September 10 & 11 - Eureka Days - 5:00 to 9:00 pm, Eureka - http://mostreamteam.org/Whats_Happening.asp
- September 11 - Large Scale Litter Pickup - St. Charles - http://mostreamteam.org/Whats_Happening.asp
- September 11 - Volunteer Water Quality Monitoring Level 1 Workshop - 8:30 am to 5:00 pm, Jefferson College, 1000 Viking Dr, Hillsboro (Jefferson County) - http://mostreamteam.org/Whats_Happening.asp
- September 11 - Go Fish! Aquatic Ecology, Conservation and Ethics - 9:00 to 11:00 am, August A. Busch Memorial Conservation Area Lake 15 - http://www.mdc.mo.gov/events/location/Busch/heading/Busch%20Conservation%20Area
- September 12 - Monarch Mysteries - 10:00 to 11:30 am, Powder Valley Conservation Nature Center - http://www.mdc.mo.gov/events/location/Powder%20Valley/heading/Powder%20Valley%20Nature%20Center
- September 12 - Grand Glaiize Watershed Monitoring - 12 sites in on Grand Glaiize Creek - http://mostreamteam.org/Whats_Happening.asp
- September 12 - Magnificent Monarchs - 12:30 to 2:00 pm, Columbia Bottom Conservation Area - http://www.mdc.mo.gov/events/location/Columbia%20Bottom/heading/Columbia%20Bottom
- September 13 - Vermicomposting Class - 6:30 to 8:00 pm, Earthways Center 3617 Grandel Square, $55 - https://www.mobot.org/iebms/coe/coe_p1_all.asp?&oc=10&cc=educclasses&classid=SA,SR,ST#GARDENINGANDLANDSCAPING
- September 18 - Fox Creek Water Quality Monitoring - 8:30 am to Noon, Rockwoods off Six Flags Road - http://mostreamteam.org/Whats_Happening.asp
- September 18 - River Des Peres Watershed Quality Monitoring - 8:30 am, Forest Park near the Visitor's Center - http://mostreamteam.org/Whats_Happening.asp
- September 18 to 19 - Family Confluence Campout - 3:00 pm 18th to 1:00 pm the 19th, Columbia Bottom Conservation Area - http://www.mdc.mo.gov/events/location/Columbia%20Bottom/heading/Columbia%20Bottom
- September 19 - Food and Farmer's Expo - 10:00 am to 4:00 pm, Webster Groves Recreation Center, 33 East Glendale - http://www.earthdancefarms.org/
- September 22, 29 and October 6 - Greening Your Garden and Yard - 7:00 to 9:00 pm, Missouri Botanical Garden, $95 - https://www.mobot.org/iebms/coe/coe_p1_all.asp?&oc=10&cc=educclasses&classid=SA,SR,ST#GARDENINGANDLANDSCAPING
- September 23 - Edibles in the Landscape - 7:00 to 9:00 pm, Missouri Botanical Garden, $32 - https://www.mobot.org/iebms/coe/coe_p1_all.asp?&oc=10&cc=educclasses&classid=SA,SR,ST#GARDENINGANDLANDSCAPING
- September 24 - Full Moon Over the Prairie - 7:30 to 9:00 pm, Columbia Bottom Conservation Area - http://www.mdc.mo.gov/events/location/Columbia%20Bottom/heading/Columbia%20Bottom
- September 25 - Green Homes Festival - 10:00 am to 6:00 pm 3600 Block of Grandel Square in mid-town St. Louis - http://www.greenhomesstl.org/index.html
- September 25 - River Des Peres Trash Bash - 8:00 am, River Des Peres Greenway Trail - http://mostreamteam.org/Whats_Happening.asp
- September 25 - National Public Lands Day at Ruth Park Woods - 9:00 am to 1:00 pm, Britanny Woods Middle School, 8125 Groby Road, St. Louis - http://www.theprimarycenter.org/home/
- October 1, 2, 16, 19, 22, 23, 29 or 30 - Campfire Wolf Howl - 7:30 pm, Wild Canid Center, Eureka, $10 - http://www.wildcanidcenter.org/Home/default.htm
- October 2 - Grand Glaiize Litter Pickup - 9:00 am to Noon, Manchester - http://mostreamteam.org/Whats_Happening.asp
- October 2 - Autumn on the Hamburg Trail Bike Ride - 9:00 am to Noon, August A. Busch Memorial Conservation Area - http://www.mdc.mo.gov/events/location/Busch/heading/Busch%20Conservation%20Area
- October 2 - Plot a Course and Go Off Trail - 1:30 to 3:30 pm, August A. Busch Memorial Conservation Area - http://www.mdc.mo.gov/events/location/Busch/heading/Busch%20Conservation%20Area
- October 6 - Diversity of the Missouri River...Especially the Fish - 5:00 to 8:00 pm, Powder Valley Conservation Nature Center - http://www.mdc.mo.gov/events/location/Powder%20Valley/heading/Powder%20Valley%20Nature%20Center
- October 10 - Conservation Quest - 10:30 am to 3:00 pm, Columbia Bottom Conservation Area - http://www.mdc.mo.gov/events/location/Columbia%20Bottom/heading/Columbia%20Bottom
- October 12 - Three-Season Vegetable Gardening - 7:00 to 8:30 pm, Earthways Center, 3617 Grandel Square, $20 - https://www.mobot.org/iebms/coe/coe_p1_all.asp?&oc=10&cc=educclasses&classid=SA,SR,ST#GARDENINGANDLANDSCAPING
- October 12 - Trail Ride - 10:00 to 9:00 am, Wildcat Glades Conservation and Audubon Center, $5 Joplin - http://wildcatglades.audubon.org/

Southwest (Bolivar, Branson, Carthage, Joplin, Lebanon, Marshfield, Monett, Nixa, Ozark, Springfield)

- September 10 thru November 7 - Bass Pro Outdoor Fitness Festival and Ozark Greenways 5K - Springfield - http://www.basspro.com/webapp/wcs/stores/servlet/CFPage?storeId=10151&catalogId=10001&langId=1&appId=512
- September 11 - Majestic Monarchs - 10:00 to 11:00 am, Wildcat Glades Conservation and Audubon Center, $5 Joplin - http://wildcatglades.audubon.org/
- September 11 - Monarchs and Other Butterflies - 1:30 - 3:00 pm, Wildcat Glades Conservation and Audubon Center, $6, Joplin - http://wildcatglades.audubon.org/
• September 11 - Stockton Lake Federal Lands Cleanup Day - 8:00 am to 1:00 pm, Cedar Gap Shelter, Stockton Lake - http://mostreamteam.org/Whats_Happening.asp

• September 12 - Summer Hummers - 5:00 to 6:30 pm, Springfield Conservation Nature Center - http://www.mdc.mo.gov/events/location/Springfield%20Conservation%20Natur%20Center/head#Springfield%20Nature%20Center

• September 12 - 5th Annual Outfitters and Stream Team Niangua River Cleanup - 9:30 am Bennet Springs Public Access, below Hwy 64 Bridge, 12 miles west of Lebanon, local outfitters will furnish canoes - http://mostreamteam.org/Whats_Happening.asp

• September 16 - Backpacking for Beginners - 7:00 to 9:00 pm, Springfield Conservation Nature Center - http://www.mdc.mo.gov/events/location/Springfield%20Conservation%20Nature%20Center/head#Springfield%20Nature%20Center

• September 17 - Lake Water Quality Public Meeting: Table Rock and Taneycomo - 11:00 am to 2:30 pm, Best Western Conference Center in Branson West - rsvp Table Rock Lake Water Quality, contact@trlwg.org or dcasaletto@trlwg.org

• September 18 - Volunteer Water Quality Monitoring Level 1 Workshop - 8:30 am to 5:00 pm, MDC Conservation Nature Center, Springfield - http://mostreamteam.org/Whats_Happening.asp

• September 18 - Taneycomo Cleanup - 9:00 am to Noon, Lake Taneycomo - http://mostreamteam.org/Whats_Happening.asp

• September 18 - Devil's Backbone Hike - 8:00 am to 5:00 pm, Springfield Conservation Nature Center, meet at nature center and carpool - http://www.mdc.mo.gov/events/location/Springfield%20Conservation%20Nature%20Center/head#Springfield%20Nature%20Center

• September 18 - Table Rock Lake Shoreline Cleanup - 9:00 am to Noon, Branson Landing, Rockaway Beach and Powersite Park - http://www.watershedcommittee.org/wordpress/?p=562

• September 21 - Saving Birds and Habitat on the Gulf Coast - 7:00 to 8:00 pm, Springfield Conservation Nature Center - http://www.mdc.mo.gov/events/location/Springfield%20Conservation%20Nature%20Center/head#Springfield%20Nature%20Center

• September 25 - Great Outdoors Day - 8:30 am, Andy Dalton Shooting Range and Bois D' Arc CA Springfield area - http://mdc.mo.gov/regions/ozark

• September 25 - Prairie Jubilee - 9:00 am to 4:00 pm, Prairie State Park - http://www.mostateparks.com/prairie.htm

• September 25 - Snakes Alive - 10:00 to 11:00 am, Wildcat Glades Conservation and Audubon Center, $5, Joplin - http://wildcatglades.audubon.org/

• September 30 - Missouri's Wild Mushrooms - 7:00 to 8:00 pm, Springfield Conservation Nature Center - http://www.mdc.mo.gov/events/location/Springfield%20Conservation%20Nature%20Center/head#Springfield%20Nature%20Center

• October 7 & 8 - Ozarks New Energy 3 Conference - Missouri State University - http://www.ozarksnewenergy.org/site/

• October 8 to 10 - WOW Outdoor Recreation and Conservation School - Roaring River State Park, Cassville - http://www.mostateparks.com/roaringriver.htm

• October 9 & 10 - Clarence Holland Memorial Trout Fishing Derby - 7:30 to 10:15 am, Bennett Spring State Park - http://www.mostateparks.com/bennett.htm

• October 20 - Scenic Rivers Stream Team Association Meeting - 6:30 pm supper, 7:00 pm meeting, VFW Hall, Mountain View, Hwy 60 south on Hwy 17/N. Elm St, then east on 1st St., look for VFW on right - http://mostreamteam.org/Whats_Happening.asp

Ozark (Cabool, Eminence, Huston, Mountain Grove, Rolla, Saint James, Salem, Waynesville, West Plains, Willow Springs, Winona)

• September 12 - 5th Annual Outfitters and Stream Team Niangua River Cleanup - 9:30 am Bennet Springs Public Access, below Hwy 64 Bridge, 12 miles west of Lebanon, local outfitters will furnish canoes - http://mostreamteam.org/Whats_Happening.asp

• September 18 - Geocache Workshop - 10:00 am to 3:00 pm, Twin Pines Conservation Education Center - http://mdc.mo.gov/regions/ozark

• September 25 - Great Outdoors Day - 8:30 am, Andy Dalton Shooting Range and Bois D' Arc CA Springfield area - http://mdc.mo.gov/regions/ozark

• October 16 - Volunteer Water Quality Monitoring Level 1 Workshop - 8:30 am to 5:00 pm, Ft. Leonard Wood Bruce Clarke Library - http://mostreamteam.org/Whats_Happening.asp

Southeast (Cape Girardeau, Farmington, Poplar Bluff, Sikeston)

• September 12 - 5th Annual Outfitters and Stream Team Niangua River Cleanup - 9:30 am Bennet Springs Public Access, below Hwy 64 Bridge, 12 miles west of Lebanon, local outfitters will furnish canoes - http://mostreamteam.org/Whats_Happening.asp

• September 16 - Swift Night Out - A Flight Phenomenon - 6:30 to 8:00 pm, Cape Girardeau Conservation Nature Center - http://www.mdc.mo.gov/events/location/Cape%20Girardeau/heading/Cape%20Girardeau%20Nature%20Center

• September 18 - Magnolia Hollow Hike - 8:30 am to 4:30 pm, Cape Girardeau Conservation Nature Center, challenging hike! - http://www.mdc.mo.gov/events/location/Cape%20Girardeau/heading/Cape%20Girardeau%20Nature%20Center

• September 18 - Warbler Walk, Mingo National Wildlife Refuge - 9:00 am to 1:00 pm, Mingo NWR, hike and picnic - http://www.mdc.mo.gov/events/location/Cape%20Girardeau/heading/Cape%20Girardeau%20Nature%20Center

• September 23 - Nuisance Wildlife - 6:30 to 8:30 pm, Cape Girardeau Conservation Nature Center - http://www.mdc.mo.gov/events/location/Cape%20Girardeau/heading/Cape%20Girardeau%20Nature%20Center

• September 25 - Connecting People with the Land - 9:00 am to 4:00 pm, Cape Girardeau Conservation Nature Center, http://www.mdc.mo.gov/events/location/Cape%20Girardeau/heading/Cape%20Girardeau%20Nature%20Center

• September 25 - Volunteer Water Quality Monitoring Level 1 Workshop - 8:30 am to 5:00 pm, Southeast DNR Regional Office, 2155 N. Westwood Blvd, Poplar Bluff - http://mostreamteam.org/Whats_Happening.asp

• October 7 - Conservation Cafe with nature photographer Aaron Horrell - 6:30 to 8:30 pm, Cape Girardeau Conservation Nature Center - http://www.mdc.mo.gov/events/location/Cape%20Girardeau/heading/Cape%20Girardeau%20Nature%20Center

• October 13 - "Adults Only" Nature Journaling - 5:30 to 7:00 pm, Cape Girardeau Conservation Nature Center - http://www.mdc.mo.gov/events/location/Cape%20Girardeau/heading/Cape%20Girardeau%20Nature%20Center

• October 14 - Nature Center at Night - 5:00 to 8:00 pm Cape Girardeau Conservation Nature Center - http://www.mdc.mo.gov/events/location/Cape%20Girardeau/heading/Cape%20Girardeau%20Nature%20Center
Statewide

- October 7-8 - ONE 3: Ozarks New Energy Conference - Missouri State University, Plaster Student Union, looking for sponsors and exhibitors for residential, commercial, efficiency, rural, power production, transportation - [http://one2.ozarksnewenergy.org/](http://one2.ozarksnewenergy.org/)
- October 9 & 10 - Missouri Prairie Foundation Annual Meeting - Cole Camp (about 15 miles south of Sedalia) - [http://www.moprairie.org/Events.html](http://www.moprairie.org/Events.html)
- October 15-17 - Missouri Master Naturalist Conference - Cuivre River State Park, Troy Missouri - [http://extension.missouri.edu/masternaturalist/](http://extension.missouri.edu/masternaturalist/)
- October 15 - 17 - 3rd Annual Sustain Missouri Conference - for students, faculty and staff of Missouri colleges, universities and high schools. Share ideas on greening and sustaining your campus - Maryville University
- December 4 & 5 - Missouri Environmental Education Conference - "National Standards Integration" - Conference features a workshop on designing lessons, curricula and presentations using the Guidelines for Excellence from NAAEE, a poster session for presenting education projects, ee research, environmental research and content materials, and grant and awards workshops - [http://www.meea.org/2010MOEEConference.html](http://www.meea.org/2010MOEEConference.html)

National/International

- September 29 - October 2 - NAAEE 2010 Conference - Buffalo NY

EE Jobs in the Missouri Area (descriptions are edited to conserve space!)

**Community Relations Coordinator** Provide overall promotional and communications support for Pottawattamie County Conservation, assist with visitor services at the Loess Hills Lodge at Hitchcock Nature Center interpretive facility, assist with administrative duties, and coordinate membership and volunteer programs.

**Job Type:** Full Time permanent  
**Salary Detail:** $14.02 - $15.12 per hour  
**Deadline:** 9-17-2010

**Organization:** Pottawattamie County Conservation  
**Location:** Council Bluffs, IA

**Contact Person:** Mary Davis, Human Resources Manager  
**Phone:** 712-328-4777  
**E-Mail:** mary.davis@pottcounty.com  
**Mailing Address:** 223 South 6th Street Council Bluffs, IA 51501

**Director of the Institute for the Study of the Environment, Sustainability, and Energy**  
**Northern Illinois University**, DeKalb, Illinois The College of Liberal Arts & Sciences and College of Engineering & Technology at Northern Illinois University anticipate hiring a permanent director for its Institute for the Study of the Environment, Sustainability, and Energy (ESE Institute). The Institute is a new interdisciplinary unit that involves multiple departments and colleges. The Institute's goal is to conduct foundational research and educate on pressing environmental and energy-related issues. The ESE Institute takes a comprehensive approach to applying theoretical and applied knowledge from the natural and social sciences, engineering, and the humanities to current environmental issues and policies. With faculty associates in Anthropology, Biology, Chemistry, Engineering, Geography, Geology, History, Law, Political Science, Technology, the director will provide leadership in implementing and further developing the undergraduate and graduate degree programs and hiring additional faculty. The director will also maintain an active research program within one of the participating colleges and have primary teaching responsibilities in Environmental Studies. [http://www.ecoemploy.com/jobs/illinois.html](http://www.ecoemploy.com/jobs/illinois.html)

**Deputy Director Nashville TN Land Trust for Tennessee**, a 501 (c) 3 nonprofit organization, seeks qualified applicants for the position of Deputy Director. The Land Trust's mission is to preserve the unique character of Tennessee's natural and historic landscapes and sites for future generations. The Deputy Director is responsible for the daily activities of the Land Trust's protection and stewardship programs, land management, fund development, public relations and marketing. Master's degree or advanced professional degree preferred and at least ten years of progressive management. Salary will be commensurate with experience and qualifications. Applicants should submit a letter of interest, and a current resume to: Land Trust for Tennessee Search Committee, c/o Center for Nonprofit Management, 44 Vantage Way, Suite 230, Nashville, TN 37228, Fax (615) 259-0400, Email: Ingrid@cnm.org, Applicant screening begins September 15, 2010 and continues until the position is filled. [http://www.ecojobs.com/environmental-advocacy-jobs.htm](http://www.ecojobs.com/environmental-advocacy-jobs.htm)

**Director of Sustainability Washington University in Saint Louis (Missouri)** Saint Louis, MO 63130  
**Description:** Washington University in St. Louis seeks a director to oversee the university’s sustainability initiatives. The Sustainability Director is responsible for actively promoting and facilitating sustainability activities across the University, collaborating with students, faculty, and staff and relevant committees. Working with campus stakeholders, the director coordinates and advocates for Washington University’s integration of sustainable principles and practices into campus operations, procedures, and student and faculty activities. The director will be familiar with best sustainability practices at other universities and will facilitate implementation of similar practices and programs at Washington University. Requirements include a Bachelor’s degree in environmental management, environmental science, environmental engineering or a related field. Five or more years of experience in a field related to sustainability or environmental issues and a thorough knowledge of sustainability theories, practices and programs is necessary. To view the complete job description and to apply, please visit the Washington University employment website at [https://jobs.wustl.edu](https://jobs.wustl.edu) and search for job title “Director of Sustainability” or job id “20575” in the keyword search [https://jobs.wustl.edu](https://jobs.wustl.edu)
**meea Membership Application**

- New or Renewing
- Member of NAAEE? Y N
- Professional $15
- School $50
- Student/Retiree $7.50
- Organization $100

Name _________________________________________

Affiliation _____________________________________

Street/P.O. Box ________________________________

City __________________________  County _______________

State _______  Zip _____________

Email _____________________________________

Phone (h / w) _______________________________

Date ___________________

Please include a check or money order made payable to MEEA and return to MEEA P.O. Box 104505 Jefferson City MO 65110-4505

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**Our Organizational Members**
- AbitibiBowater St. Louis
- AbitibiBowater Kansas City
- Choose Environmental Excellence
- Earth Share of Missouri
- Maryville University
- Missouri Department of Conservation
- Missouri Department of Natural Resources
- University of Missouri
- Watershed Committee of the Ozarks

**Thank you for your support!**

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6. Calendar of EE Events
7. EE Jobs: Community Relations Coordinator, Northern Ill Env-Sust-Energy Institute Director, Land Trust for TN Deputy Director, Wash U Sust Director

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**MEEA Vision**
An environmentally responsible citizenry in Missouri

**MEEA Mission**
Advance environmental education in Missouri by providing innovative professional development and networking opportunities for those who share our mission

**MEEA Value**
Connecting people, ideas and resources throughout Missouri

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P.O. Box 104505
Jefferson City MO 65110-4505

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