

OKLAHOMA

2013  
*Environmental*  
Resource Guide





STATE OF OKLAHOMA  
OFFICE OF THE  
SECRETARY OF ENVIRONMENT

Dear Fellow Oklahoman,

Our state possesses some of the most diverse environments in the country. Oklahoma is home to thirteen eco-regions, the most per mile of any state in the US. Oklahoma's strength is, and will continue to be, its diverse natural resources. From the grassland prairies, to lakes and rivers, from the forests and mountains, to the cypress swamps, Oklahoma's biological and ecological diversity is second to none.

Oklahomans have always been strong environmental stewards of our bountiful natural resources. This stewardship was born out of necessity. Oklahoma was ravaged by the Dust Bowl in the 1930s and needed the help of its citizens to return to its former glory. The lessons learned as a result of the Dust Bowl have had a major effect on state environmental policy and conservation efforts. The efforts which led to changes in policy were championed by concerned Oklahomans, and to this day, the State of Oklahoma relies greatly upon its citizenry to help identify environmental problems and work toward solutions to ensure long-term protection of our natural resources.

The most significant impacts on our environment stem from the activities of, and choices made by, each and every Oklahomans. The state's natural resources cannot be protected solely by government policy. Responsible use of our natural resources requires both policy and the cooperation and involvement of our people. It is the responsibility of all Oklahomans to ensure that our natural resources are protected for future generations. We are fortunate that there are numerous agencies and organizations in existence to educate the public on ways in which we can all better fulfill our roles as environmental stewards.

For those interested in getting more actively engaged in protecting Oklahoma's environment, this resource guide can serve as a starting point for identifying the agencies and organizations across Oklahoma that serve to educate and assist the citizenry on numerous topics related to the environment. Within this guide, you will find listings of resources available to you in your quest of knowledge about Oklahoma's environment and ways in which you can protect it. It is my sincere hope that you will find the necessary tools to become a more active and informed steward.

Thank you for your interest in learning more about our natural resources, and thank you for doing your part to make Oklahoma a place our children and grandchildren are proud to call home.



Sincerely,

A handwritten signature in black ink that reads "Gary L. Sherrer".

Gary L. Sherrer  
Secretary of Environment

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## Association of Central Oklahoma Governments (ACOG)

21 East Main Street, Suite 100  
Oklahoma City, OK 73104  
(405) 234-2264

**Contact:** Ryan Baker or Yvonne Anderson  
RBaker@acogok.org or YAnderson@acogok.org  
<http://www.acogok.org>

**Facebook:** <http://www.facebook.com/pages/Get-Around-Central-Oklahoma/85519856281>

**Facebook:** <https://www.facebook.com/pages/Central-Oklahoma-Clean-Air/70559785874>

**Twitter:** @OKCleanCities and @CleanAirOKC

The Association of Central Oklahoma Governments (ACOG) is a voluntary association of city, town and county governments within the Central Oklahoma area. The ACOG region includes Oklahoma, Cleveland, Canadian and Logan Counties.

As a Council of Governments, ACOG's purpose is to aid local governments in planning for common needs, cooperating for mutual benefit and coordinating for sound regional development. ACOG is an organization of, by and for local governments that allows member entities to work in partnership to address issues or problems common to many jurisdictions. This

regional cooperation serves to strengthen both the individual and collective capabilities of local governments.

ACOG features several public education programs including:

- ⊙ Ozone Alert Day Program in Central Oklahoma ([www.getsquare.org](http://www.getsquare.org)) alerts the public when air quality in the OKC area poses a health concern.
- ⊙ Central Oklahoma Rideshare ([www.GetAroundOK.com](http://www.GetAroundOK.com)) a carpool matching program.
- ⊙ Central Oklahoma Clean Cities Coalition ([www.okcleancities.org](http://www.okcleancities.org)) which promotes the use of alternative fuels for vehicles.



## Blue Thumb

Oklahoma Conservation Commission,  
Water Quality Division  
128 E. 3rd Avenue, Bristow, OK 74010  
(918) 398-1804

**Contact:** Cheryl Cheadle, State Blue Thumb Coordinator  
Cheryl.Cheadle@conservation.ok.gov  
[www.ok.gov/conservation/Blue\\_Thumb/index.html](http://www.ok.gov/conservation/Blue_Thumb/index.html)

The Oklahoma Conservation Commission's statewide water pollution education program uses tools such as volunteer monitoring, curb marking, watershed education events, and stream cleanups. Local Blue Thumb chapters are active statewide, in approximately one-third of Conservation Districts.

Blue Thumb information and activities include:

- ☉ Volunteer training and monitoring to collect data on local waterbodies and raise community awareness;
- ☉ Teacher/student monitoring activities within local schools;
- ☉ Brochures covering such topics as proper fertilizer use, flea and tick control, private wellhead

- protection, and more;
- ☉ Blue Thumb Curb-Marking program that enables local volunteers to place the message "Dump No Waste – Drains To River" on storm drain inlets to protect local streams and ponds;
- ☉ Watershed educational activities that range from slide presentations to the use of an interactive urban watershed model;
- ☉ Stream cleanups to promote caring for our waterways.

Blue Thumb programs are established through local conservation districts. Contact your conservation district or the Oklahoma Conservation Commission's Water Quality Division for more information.



### City of Oklahoma City (OKC)

420 West Main, Suite 940  
Oklahoma City, Oklahoma 73102

#### OKC – Office of Sustainability

**Contact:** Jennifer Gooden, Director  
(405) 297-3686  
sustainability@okc.gov  
www.okc.gov/sustain

Office of Sustainability  
CITY OF OKLAHOMA CITY

The Office of Sustainability is responsible for enhancing the City's energy efficiency efforts and promoting sustainability throughout the organization and the community. The office coordinates energy efficiency upgrades and provides technical recommendations, sustainability planning and outreach services to City

of Oklahoma City Departments and the public. The purpose of the office is to integrate sustainability principles into decision making for improved economic, environmental and social health. Workshops and lecture series are provided throughout the year. The office of sustainability includes resources to help residents learn about:

- ⊙ Reducing Energy Use
- ⊙ Protecting our streams
- ⊙ Saving landfill space
- ⊙ Curbside Recycling Program
- ⊙ Beyond the Bin (Recycling items that cannot go in curbside recycling)
- ⊙ OKC Public Transportation options
- ⊙ OKC Trail System
- ⊙ Water Conservation Tips



**OKC Storm Water Quality Management**

**Contact:** Raymond L. Melton, Environmental Protection Manager  
 (405) 297-1774  
 raymond.melton@okc.gov  
 www.okc.gov/swq

The goal of Storm Water Quality is to provide inspections, enforcement, water quality assessments, public outreach, and household hazardous waste services to citizens, businesses and government agencies so they can comply with the Clean Water Act and enjoy a safe and clean environment. OKC Storm Water Quality manages various programs including:

- ⊙ Stream Monitoring
- ⊙ Floatable Debris Program
- ⊙ Storm Water Quality workshops
- ⊙ Adopt-A-City-Street
- ⊙ School CurbsSmart Presentations
- ⊙ Adopt-A-Creek
- ⊙ Curbs-to-Creeks
- ⊙ Household Hazardous Waste Collection Facility City of Oklahoma City



**CITY OF Tulsa**  
 A New Kind of Energy.

**City of Tulsa**

City Hall, 175 East 2nd Street, Suite 690,  
 Tulsa, OK 74103  
 (918) 596-2100

**PACE – Partners for A Clean Environment**

**Contact:** City of Tulsa- Pollution Prevention Supervisor  
 (918) 591-4361 or (918) 591-4378  
 www.CityofTulsa.org/PACE



Partners for A Clean Environment (PACE) is a voluntary, non-regulatory program coordinated by the City of Tulsa’s Sewer and Water Department-Water Quality Assurance Section. PACE provides free training, technical assistance, and public recognition to businesses who have made a

commitment to reduce wastewater pollutants by following Pollution Prevention (P2) Best Management Practices (BMPs). Visit the City’s website for more information on how to become a PACE business or to see a list of current PACE members.



### Stormwater Education

**Contact:** Scott VanLoo  
4502 S. Galveston Ave.  
Tulsa, Oklahoma 74107  
(918) 591-4340  
SVanLoo@cityoftulsa.org  
www.cityoftulsa.org/sos

The City of Tulsa has an extensive education program with a goal of reducing pollution in stormwater runoff. This program targets the public, as well as commercial and industrial owners and operators within Tulsa. Education of the public is accomplished through public presentations at conferences and seminars, and

presentations at local schools and neighborhood gatherings. Topics include:

- ⊙ Stormwater Quality Management
- ⊙ Construction Site Runoff Program
- ⊙ Watershed Characterization Program
- ⊙ Public Outreach Program



### Trap the Grease

**Contact:** City of Tulsa- Pollution Prevention Supervisor  
(918) 591-4361 or (918) 591-4378  
www.TraptheGreaseTulsa.com

Fat, Oil, and Grease (FOG) isn't just bad for your arteries; it's bad for the sewers, too! When FOG is washed down the drain, it can build up in pipelines causing blockages and raw sewage to

back up into homes, business, and the environment. The City of Tulsa's Trap the Grease program educates citizens on ways to reduce the number of sanitary sewer overflows caused by FOG.



### Cleveland County Conservation District

2600 Van Buren, Suite 2601  
Norman, OK 73072  
405-364-7319

**Contact:** Chris Ward  
clevelandccd@conservation.ok.gov  
www.clevelandcountyconservationdistrict.com  
www.facebook.com/cleveccd

The Cleveland County Conservation District is dedicated to providing environmental education to schools through the Environmental Education Planning Committee where we offer lesson plans, teacher training, information about grants and mentors. We have also helped to develop the 23 outdoor classrooms that are located throughout Cleveland Co. We have numerous community events including:

☉ Rain Barrel Workshops

- ☉ Annual Green Closet event
- ☉ 50 Gallon Challenge
- ☉ Reduce Your Waste Line Challenge
- ☉ The Green Acres Primary School with workshops on: Raising Urban Chickens, Growing Vegetables in your backyard, Composting & Worm Composting, and a Lean Green Cuisine Cooking Class.
- ☉ Green Cleaning & Energy Efficiency Classes
- ☉ Green Up Your Business Workshop



### The EnvironMentor

Oklahoma City University – Dept. of Biology

**Contact:** Beth Landon

Environmentor@okcu.edu

<http://www.okcu.edu/environmentor/>

This project is a clearinghouse for the dissemination of all Environmental Education (nonprofit or not-for-profit) news and events taking place in the State of Oklahoma. The EnvironMentor was a newsletter published quarterly until December 2005. For those who remember what a valuable publication it was, it is now being re-energized and published through the Department of Biology at Oklahoma City University. The EnvironMentor consists of a quarterly newsletter and an ongoing calendar. This project is for everyone interested and involved in Environmental Education in the State of Oklahoma from Boise City to Idabel, from Miami to Frederick, from Erick to Eufaula, and from Blackwell to Ardmore. So give us a “shout out”; tell us what you are doing. Also

please make The EnvironMentor a regular stop during your daily internet browsing routine. Please send event announcements (workshops, trainings, films, conferences, etc.) for the Calendar to EnvironMentor@okcu.edu. The EnvironMentor welcomes your submittals for the newsletter. Below are examples of newsletter items:

- ☉ Articles
- ☉ Events
- ☉ Contest Announcements
- ☉ Factoids
- ☉ Book reviews
- ☉ Awards bestowed/received
- ☉ Grant opportunities

Please send your newsletter items to EnvironMentor@okcu.edu. You may request to be put on an Alert List to receive an email when a new issue has been uploaded to the website.



## George Miksch Sutton Avian Research Center

PO Box 2007

Bartlesville, OK 74005

**Contact:** 918-336-7778

[gmsarc@aol.com](mailto:gmsarc@aol.com)

[www.suttoncenter.org](http://www.suttoncenter.org) and [www.itsallaboutbirds.com](http://www.itsallaboutbirds.com)

The Sutton Center was founded in 1983 as a nonprofit organization dedicated to finding cooperative conservation solutions for birds and the natural world through science and education.

Our biologists and governing board strive to protect natural resources and environments where birds live and breed. Through their efforts, the Sutton Center has become an internationally recognized leader in avian conservation. Past research included the re-establishment of the bald eagle nesting grounds in Oklahoma and other southeastern states. Current research is being conducted on the Lesser Prairie Chicken. Recent publications include the Oklahoma Winter Bird Atlas as a companion volume to our Oklahoma Breeding Bird Atlas.

The Sutton Center places strong emphasis on education through programs including:

- ☉ It's All About Birds! – An exciting presentation that features native and exotic birds and teaches students about science, biology, and the ecosystem
- ☉ The Sutton Nation History Forum – An annual event that highlights photographers and cinematographers from National Geographic who share their experiences with students
- ☉ Bald Eagle Nest Camera – Continuous video feed allows online visitors to watch bald eagles hunt, feed their young, and defend the nest.

To learn more, visit [www.suttoncenter.org](http://www.suttoncenter.org)



## Great Plains Resource Conservation and Development (RC&D)

300 S. Broadway

Weatherford, OK 73096

**Contact:** Jodi Jackson, Project Assistant

(580) 832-3661

[greatplainsrcd@yahoo.com](mailto:greatplainsrcd@yahoo.com)

[www.greatplainsrcd.org](http://www.greatplainsrcd.org)

Great Plains Resource Conservation and Development strives to increase public awareness of environmental concerns and accelerate the development and protection of human, financial and natural resources, thereby improving the quality of life in southwestern Oklahoma. The following programs and resources are available for Oklahoma schools and teachers. These programs are readily available for classroom use in western Oklahoma. The only charge for using these resources may be the return postage on borrowed items. Most

of these resources can be requested by contacting the RC&D office or your local conservation district.

Some resources available are:

- ☉ Great Plains RC&D newsletter
- ☉ Conservation Education and Information
- ☉ Solid Waste Information and Education
- ☉ Environmental Science Camp
- ☉ Envirothon
- ☉ Forestry Education and Training
- ☉ Wetlands Education Resources



## Higher Education Sustainability Consortium of Oklahoma

100 N. University Dr. Box 119  
Edmond, OK 73034

**Contact:** Tim Tillman  
(405) 974-3526  
ttillman2@uco.edu  
www.HESCOklahoma.org

The Higher Education Sustainability Consortium of Oklahoma promotes and supports sustainability in higher education institutions in Oklahoma. The consortium facilitates the free exchange of information, ideas, and experiences; showcases innovations and best practices; and encourages collaboration among institutions for the advancement of all.

The Higher Education Sustainability Consortium of Oklahoma envisions

a participatory alliance in which all institutions of higher education use their expertise and resources to make Oklahoma more sustainable. The consortium operates by working collaboratively toward common goals and by celebrating the diversity of expertise among institutions. Consortium members tailor programs and policies to meet the individual needs of each campus in accordance with location, student body, faculty, and mission.





## Indian Nations Council of Governments (INCOG)

Two West Second St, Suite 800

Tulsa, OK 74103

**Contact:** (918) 584-7526

[www.incog.org](http://www.incog.org)

The Indian Nation Council of Governments (INCOG), is a regional council of governments that serves over fifty cities and towns, five counties and the Muscogee (Creek) and Osage Nations in northeastern Oklahoma. INCOG provides community planning and economic development services, comprehensive planning, transportation planning, development coordination, environmental and engineering services, research and data acquisition, mapping and graphics resources and services, rural fire protection coordination, and legislative program coordination.

INCOG offers several public education and outreach programs including:

- ☉ Tulsa Area Ozone Alert! Program ([www.OzoneAlert.com](http://www.OzoneAlert.com)) - When

predictions for atmospheric conditions to be in exceedance of the EPA ozone standard, the Ozone Alert! Program's email, text and online Alert! notification systems provide prior-day notice to many thousands throughout the region.

- ☉ Green Traveler Program for those interested in carpooling ([www.green-traveler.org](http://www.green-traveler.org))
- ☉ Tulsa Area Clean Cities Program - The Clean Cities mission is to reduce the use of petroleum in the transportation sector by utilizing alternative fuels, with a primary emphasis on fleets.
- ☉ Water Quality trainings and assistance
- ☉ Regional Comprehensive Master Trail Plan



## Keep Oklahoma Beautiful, Inc.

720 W Wilshire Blvd. #118

Oklahoma City, OK 73116

**Contact:** Gail Ederer, Executive Director  
405-286-9141

[Info@keepoklahomabeautiful.com](mailto:Info@keepoklahomabeautiful.com)

[www.keepoklahomabeautiful.com](http://www.keepoklahomabeautiful.com)

[www.facebook.com/KeepOklahomaBeautiful](https://www.facebook.com/KeepOklahomaBeautiful)

[www.twitter.com/keepokbeautiful](https://www.twitter.com/keepokbeautiful)

Keep Oklahoma Beautiful (KOB) is a statewide nonprofit organization with a mission to encourage, facilitate and recognize grassroots efforts that will improve the aesthetic, environmental and sustainable quality of life in Oklahoma.

In order to achieve its mission, KOB engages volunteers in all 77 counties in multiple programs throughout the year including:

- ⊙ The annual Great American Cleanup™ event in Oklahoma – the nation’s largest annual community

improvement program.

- ⊙ Fresh Paint Days - Paint and supplies to improve the aesthetic quality of a building in your community.
- ⊙ END LITTER - Anti-Litter Video Clip Competition – for high school and college students.
- ⊙ Community Improvement Guide
- ⊙ Free annual Regional Workshop Trainings.
- ⊙ Annual, statewide Environmental Excellence Competition and Awards Banquet held in November.



### Kerr Center for Sustainable Agriculture

Address: PO Box 588, Poteau, OK 74953

**Contact:** 918.647.9123  
mailbox@kerrcenter.com  
www.kerrcenter.com

The Kerr Center for Sustainable Agriculture is a 501 (c)(3) nonprofit educational foundation. Established in 1985, the foundation headquarters is located on the historic Kerr Ranch near Poteau in southeastern Oklahoma. The organization was the first in Oklahoma to devote all of its resources to finding sustainable solutions to the economic, social and environmental challenges facing Oklahoma’s farmers, ranchers and rural communities.

On 700 acres, the center has established its Stewardship Farm and Ranch where staff members work with meat goats, Pinewoods cattle, poultry, organic and horticulture crops. Conservation

projects that demonstrate what can be done to protect riparian areas (streams and ponds) from erosion are ongoing. The Kerr Center offers a broad array of free information and resources, including:

- ⊙ Organic farming and gardening
- ⊙ Raising livestock
- ⊙ Buying and selling locally
- ⊙ Electronic newsletter - “Field Notes”
- ⊙ Workshops
- ⊙ Beginning farmer classes
- ⊙ Kerr Center tours

Call the center or visit the website ([www.kerrcenter.com](http://www.kerrcenter.com)) for schedules and more information.



## Land Legacy

406 S. Boulder Avenue, Suite 280  
Tulsa, Oklahoma 74103

**Contact:** (918) 587-2190  
[www.LandLegacy.net](http://www.LandLegacy.net)  
[www.facebook.com/LandLegacy](http://www.facebook.com/LandLegacy)

Land Legacy is a nonprofit land conservation organization whose mission is to conserve, enhance and restore urban and rural land and water. As the only statewide land trust in Oklahoma, Land Legacy works collaboratively with private landowners and partner agencies and organizations to determine courses of action that will conserve natural resources, preserve cultural heritage, stimulate local economies, improve water quality, beautify cityscapes, and create and conserve areas for outdoor recreation.

Projects include urban parks and trails throughout the state, the preservation of important or threatened farms and ranches, and the protection or improvement of water quality. Conservation projects undertaken by Land Legacy have resulted in the protection of nearly 20,000 acres in Oklahoma for farming, ranching,

forestry and outdoor recreation uses.

Primary programs include:

- ⊙ Green Cities Initiative -Improving urban quality of life with parks and trails.
- ⊙ Farm and Ranch Preservation Initiative - Conservation easement program that works to preserve open space while allowing continued private ownership and agricultural production.
- ⊙ Watershed Protection Initiative – Improving water quality by preserving open space that filters runoff and recharges aquifers.

Land Legacy offers a variety of educational materials on land conservation, natural resource protection and benefits of parks and open space to our communities and quality of life. For additional information contact Land Legacy at (918) 587-2190 or visit [www.LandLegacy.net](http://www.LandLegacy.net).



## Martin Park Nature Center

5000 W. Memorial Rd. OKC, OK 73142

**Contact:** Emily Hiatt  
405-755-0676  
[Emily.Hiatt@okc.gov](mailto:Emily.Hiatt@okc.gov)  
[http://www.okc.gov/parks/martin\\_park/index.html](http://www.okc.gov/parks/martin_park/index.html)

Open 51 weeks a year, Oklahoma City's Martin Park Nature Center provides outdoor adventure right in the heart of Oklahoma City. Nestled on 144 acres in the city's northwest side, the park is home to many species of animals, including birds, butterflies, squirrels, fox and reptiles.

Fortunate visitors may catch a glimpse of a deer, coyote, owl or armadillo. Your powers of observation, the season of the year and luck contribute to observing these uncaged animals.

For the adventurous, 3.5 miles of gentle hiking trails curl through woods and grasslands of the park. One graveled trail is wheelchair accessible. Other trails are of gravel and packed soil, containing short stretches of moderate slopes and

occasional steps. The trails make the perfect get-away for the casual nature observer or exerciser.

Children and teens are encouraged to join Martin Park Nature Center's "Green Earth" volunteer teams. The Green Earth Gang for children 9-13 works on a variety of park conservation projects. The Green Earth Ranger program for teens 13-18 focuses on habitat development and conservation. Participants will all get hands-on learning while working on nature education projects guided to benefit the park and its wildlife. The "Gang" and "Ranger" groups meet Sunday afternoons. For more information, call Martin Park Nature Center at 755-0676 for specific meeting times, and to sign up.



## Metropolitan Environmental Trust

William Tower One  
1 W. 3rd St., Suite 110  
Tulsa, OK 74103

**Contact:** Shelley Umezawa and/or Michael Patton  
918-584-0584  
met@metrecycle.com  
www.metrecycle.com

The Metropolitan Environmental Trust (The M.e.t.) is a public trust authority with 11 beneficiary governments. The M.e.t. provides planning and education

on solid waste issues such as recycling, composting, vermicomposting, packaging, litter and similar topics for all age groups and organizations.

The M.e.t. has many resources available including:

- ⊙ The M.e.t. Household Recycling Directory
- ⊙ Recycling Plastic Bottles is Easy
- ⊙ Deep Green Clean, a guide to safer cleaning at home
- ⊙ Latex Paint and the Environment
- ⊙ Backyard Composting
- ⊙ Tulsa area Recycling Educational Resource Trunk

- ⊙ Hands-on pop top bracelet making
- ⊙ Litter clean-up assistance
- ⊙ Vermicomposting speeches and activities
- ⊙ Recycling Depot Program – 13 area recycling drop-off centers open seven days a week.

For more information visit [www.metrecycle.com](http://www.metrecycle.com)



*myriad botanical*  
GARDENS

### Myriad Botanical Gardens

### and Crystal Bridge Tropical Conservatory

301 W Reno  
Oklahoma City, OK 73102

**Contact:** (405) 445-7080

[www.myriadgardens.org/](http://www.myriadgardens.org/)

In 2011, the 17-acre outdoor grounds of the Myriad Botanical Gardens underwent major renovations. New features include spacious entry plazas, a Children's Garden, new visitors' information center, a grand event lawn & pavilion, a Dog Park, seasonal activity plaza, and numerous awe-inspiring water features.

The Myriad Botanical Gardens' outdoor grounds include 17 acres of gently rolling hills. Hundreds of trees, including both native and non-native species, are planted throughout the grounds. The Myriad Botanical Gardens' lake covers two acres and is fed by the existing water table 22 feet below street level. The lake is home to several varieties of fish including goldfish and Japanese Koi, some of which reach as large as 20 pounds!

Inside the Crystal Bridge Conservatory over 2,000 varieties of plants thrive in two distinct climates: the Tropical Wet Zone, which is at the south end and is watered daily, and the Tropical Dry Zone at the north end which receives water from April through September, followed by drought from November through March.

The Myriad Botanical Gardens offers a variety of Education Programs such as:

- ⊙ The Myriad Botanical Gardens' Rainforest Ecology Activity Program (REAP) – For second through fourth graders, but can be geared up to sixth grade. The program concentrates on specific themes in biology and ecology while employing a hands-on, inquiry-based approach designed to reinforce education standards.

- ⊙ It's bug vision! - Students will unravel the mysteries of the rainforest as they explore the Crystal Bridge. Interactive activities will teach students about the layers of the rainforest and who calls each layer home.
- ⊙ Docent-Guided Tours
- ⊙ Self-Guided Tours



### The Nature Conservancy of Oklahoma

1001 NW 63rd St., Ste. 260  
 Oklahoma City, OK 73116  
**Contact:** 405-858-8557  
 khawk@tnc.org  
 www.nature.org/oklahoma

The Nature Conservancy has worked to conserve Oklahoma's magnificent landscapes and unique biodiversity since 1986. The Oklahoma Chapter owns or protects 12 preserves totaling over 90,000 acres. The Nature Conservancy offers field trips to two Oklahoma Preserves:

- ⊙ Tallgrass Prairie Preserve (Pawhuska, OK)
- ⊙ J.T. Nickel Family Nature and Wildlife Preserve (Tahlequah, OK)

Classroom Resources include:

- ⊙ The Prairie Project- <http://theprairieproject.okstate.edu/> - An educational website teaching

students k-12 about the prairie ecosystem through information, pictures, video and ready-to-use PASS and National Standards qualified lesson plans.

- ⊙ Nature Works Everywhere - <http://www.natureworkseverywhere.org/> - gives teachers, students and families everything they need to start exploring and understanding nature's fantastic factory — videos, interactive games, and interactive, lesson plans that align to standards.

Visit [www.nature.org/oklahoma](http://www.nature.org/oklahoma) for additional information and directions.



### OKC Beautiful

3535 N. Classen Blvd.  
 Oklahoma City, OK 73118  
**Contact:** Nicki Largent, Program Manager  
 405-525-8822  
 nicki@okcbeautiful.com  
 www.OKCBeautiful.com

Since 1971, OKC Beautiful's mission has been to improve the image and appearance of Oklahoma City. OKC Beautiful advocates beautification of public spaces, educates youth on the environment, creates awareness of city ordinances, and improves public lands.

OKC Beautiful promotes a clean and beautiful city through programs such as:

- ⊙ Adopt-A-Park
- ⊙ LitterBlitz
- ⊙ Mother Earth – an elementary education program that reaches out to twenty-five local schools and teaches the children to become good stewards of the earth and the community.



### Oklahoma Academy of Science

University of Central Oklahoma  
Campus Box 90  
Edmond, OK 73034

**Contact:** Dr. David Bass, Executive Director  
405-974-5772  
dbass@uco.edu  
<http://oas.uco.edu/>

The Oklahoma Academy of Science was established in 1909 for the purpose of stimulating scientific research and education. This is accomplished by promoting fraternal relationships among those engaged in scientific work in Oklahoma; diffusing among the citizens of the State knowledge of the various departments of science; and investigating and making known the material, educational, and other resources of the State. OAS is affiliated with the American Association for the Advancement of Science.

The Academy holds a spring field meeting and a fall field meeting at different state parks in Oklahoma. These meetings are educational events that focus on the local environment and natural history of the area. Experts lead field trips during the day on Saturday while evening presentations and astronomical viewing occurs on Friday and Saturday evenings. The meetings are open to anyone who pays the registration fee and all information is posted on the Academy's web site.





## Oklahoma Aquarium

300 Aquarium Drive  
Jenks, OK 74037

**Contact:** Ann Money, Curator of Education Programs and Research  
(918) 528-1508  
education@okaquarium.org  
<http://www.okaquarium.org/>

The Oklahoma Aquarium is the state's must-see attraction, and a valuable educational resource for school groups and families. The Oklahoma Aquarium Education Department offers field trip programs, homeschool days, scout days and many other activities featuring a diverse collection of animals from the world's oceans, lakes, rivers and streams seen in 100 exhibits. The most stunning tank is the Siegfried Families Shark Adventure featuring the Cox Communications Shark View Room. Strolling through a unique tunnel and dome, you will see the largest bull sharks in captivity swimming all around and overhead. While the viewing is breathtaking, there are also hands-on opportunities, especially exciting for children. Feel the difference between slippery smooth stingrays and sandy sharks in the touch tank near the shark exhibit. Plus, feed stingrays and turtles for a truly interactive experience.

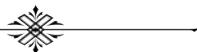
The Aquarium is home to more than fins. Watch furry river otters, beavers and raccoons splash and play in the Hayes Family Ozark Stream. A crashing waterfall and rolling stream with native

fish round out the beautiful exhibit replicating a northeastern Oklahoma stream bank.

On-Site Education Programs range from weekend activities open to all guests to teacher-led visits to behind-the-scenes tours guided by Aquarium Educators. These include:

- ☉ Meet & Greet! An introduction to the adaptations and behaviors of aquatic life including hands-on interaction. (Pre-K and K)
- ☉ Who Eats Who in the Deep Ocean Blue? (Grades 1 – 3)
- ☉ Completely Cartilaginous (Grades 1 – 3)
- ☉ Eight Armed Bandits (Grades 1 – 3)
- ☉ A Seahorse of a Different Color (Grades 1 – 3)
- ☉ We All Live Downstream (Grades 4 – 6)
- ☉ Creeps from the Deep! (Grades 4 – 6)
- ☉ Cephalopods (Grades 4 – 6)
- ☉ Sea Turtle Science (Grades 4 – 6)
- ☉ Turning the Tide (Grades 7 – 12)
- ☉ The Inside Story! (Grades 7 – 12)

\*\*All programs are subject to change.  
Please review the Oklahoma Aquarium website <http://www.okaquarium.org/> to schedule your school visit.





## Oklahoma Association for Environmental Education (OKAEE)

**Contact:** Karla Beatty  
(405) 521-6788  
karla.beatty@conservation.ok.gov

The mission of the Oklahoma Association for Environmental Education is to support Oklahoma educators and promote, in formal and non-formal settings, environmental literacy through communication, resource sharing, skill building, program sponsorship and recognition of excellence.

The Oklahoma Association for Environmental Education was established in 1993 and is the state affiliate of the North American Association for Environmental Education (NAAEE). OKAEE brings together a variety of environmental educators who share a common

goal — excellence in environmental education. OKAEE serves educators of all grade levels, natural resource professionals, students, university faculty, environmental clubs, nonprofit educational programs, and corporate environmental interests. OKAEE unites these diverse interests in a forum designed to energize and inspire participants to greater levels of achievement.

OKAEE accomplishes many of its goals by hosting a one-day conference, the Oklahoma Environmental Education Expo (EE Expo). The first EE Expo was held in February 1996 and has become an annual event.



## Oklahoma Biological Survey

University of Oklahoma  
111 E. Chesapeake St.  
Norman, OK 73019

**Contact:** Priscilla Crawford  
405-325-7658  
prill@ou.edu  
<http://www.biosurvey.ou.edu/>

The Oklahoma Biological Survey is both a research unit of the College of Arts and Sciences at the University of Oklahoma and a state office. Our purpose is to gather, analyze, and disseminate information regarding

animal and plant forms and ecological communities within the state and associated geographical areas. In addition to scholarly research and publication, we provide information to citizens, organizations, businesses,

and agencies concerning Oklahoma's biota, and we assist in the protection and preservation of the natural heritage of Oklahoma. Our faculty and staff also teach and provide hands-on training to students at the University and citizens across the state.

Oklahoma Biological Survey Education Resources and Events include:

- ⊙ A series of free posters depicting the biological diversity of Oklahoma. Posters include supplementary educational material

including species profiles, student activities, and other natural history information. See <http://www.biosurvey.ou.edu/posters/OBSposters.html>

- ⊙ BioBlitz! is an annual fun and educational event that invites volunteers from around the state and region to participate in a rapid inventory of biological diversity one of Oklahoma's natural areas. See <http://www.biosurvey.ou.edu/bioblitz/BioBlitz.html>



### Oklahoma City Zoo Education Department

2101 NE 50th

Oklahoma City, OK 73111

**Contact:** 405-425-0218

[education@okczoo.com](mailto:education@okczoo.com)

[www.okczooed.com](http://www.okczooed.com)

The Oklahoma City Zoo's education department fulfills the Zoo's commitment to conservation education. Our goal is to inspire discovery, appreciation & conservation of wildlife, plants and the natural world. Learning Adventures with the Zoo include:

- ⊙ Birthday parties
- ⊙ Day Camps (winter break, spring break, school's out)
- ⊙ Day Care Centers
- ⊙ Family programs
- ⊙ Home school classes
- ⊙ Library programs
- ⊙ Nature based preschool
- ⊙ Overnight sleepovers (ideal for groups)
- ⊙ School classes (at the zoo, as outreach or afterschool) Ages: pre K-College
- ⊙ Scout badges
- ⊙ Senior Citizens
- ⊙ Summer Camps
- ⊙ Educator loaner trunks (Suitcase for Survival, Habitat boxes, Wild Oklahoma)
- ⊙ Toddler programs
- ⊙ Volunteer Opportunities (teens, animal areas, horticulture and education)





## Oklahoma Conservation Commission

2800 North Lincoln Blvd., Suite 160

Oklahoma City, OK 73105

**Contact:** Karla Beatty  
(405) 521-2384  
karla.beatty@conservation.ok.gov  
www.conservation.ok.gov

The main purpose of the Conservation Commission's Conservation Education Program is to educate Oklahomans of all ages about natural resources and the environment with an emphasis on soil, water and wetlands. The Commission cooperates with other state agencies in co-sponsoring environmental education programs in the state including Project WET and WOW! The Wonder of Wetlands. For more information on these programs see individual listings in this publication on page 42.

The Oklahoma Environmental Quality Act of 1992 assigned the Commission with the responsibility to coordinate environmental education throughout the state. Under this mandate, the Oklahoma Environmental Education Coordinating Committee (OKEECC) was formed. The committee has achieved success in environmental education through cooperation, coordination, networking, and the initiation of new programs. The formation of this committee has eliminated duplication of efforts and created a strong model for cooperation among government agencies.

The Education Program also provides staff development opportunities for conservation district staff as well as assisting districts statewide with conservation education efforts such as

outdoor classrooms, natural resource field days, educator workshops, and adult education. Conservation Districts are the local contact for educators. Each district can provide technical assistance and some will provide additional educational materials. Districts have soil survey books and a variety of brochures relating to soil and water conservation. The Commission and district personnel can assist with the development of outdoor classroom sites at individual schools by providing technical assistance, construction of ponds and wetlands, plant identification and by awarding mini-grants. Commission personnel can also assist with the development of sites, curriculum development and teacher training.

Educational resources available through the local conservation districts or directly from the Commission include:

- ⊙ Soil Painting Trunk
- ⊙ Sammy Soil Costume
- ⊙ Soil Profile Exhibit
- ⊙ Water Cycle Trunk (based on the PWET activity "The Incredible Journey")
- ⊙ Water Critters Trunk
- ⊙ Enviroscape
- ⊙ Groundwater Flow Model
- ⊙ Stream Table
- ⊙ Animal Tracks Trunk
- ⊙ Skins & Skulls Trunk



**Oklahoma Cooperative Extension Service**  
**Oklahoma Aqua Times (Oklahoma 4H)**

**Contact:** Oklahoma 4-H Office  
405-744-8885

This is a water resources curriculum targeted to grades three through six. The package consists of five units complete with teacher/leader guide, videos, student newspapers, and evaluation tool. Activities relate to math, science, language arts, creative arts, creative

thinking, and social studies. These materials are available on the website <http://oklahoma4h.okstate.edu/scitech/4h2o.htm>

More information is available from your local extension office.



**Solid Waste Management**

**Contact:** Gerald Doekson  
405-744-9823  
[gerald.doekson@okstate.edu](mailto:gerald.doekson@okstate.edu)

**Contact:** Brian Whitacre  
405-744-9825  
[Brian.whitacre@okstate.edu](mailto:Brian.whitacre@okstate.edu)  
<http://agecon.okstate.edu/wastenew>

Education and technical assistance programs are available for assisting communities and tribes with their waste collection and disposal programs, including landfill issues. Feasibility studies are performed on request to investigate the costs associated with

landfills, convenience centers, transfer stations, recycling centers and collection systems. Solid Waste Management Resource Trunks are available to borrow. Factsheets and materials database <http://osufacts.okstate.edu>.





## Oklahoma Department of Agriculture

### Ag in the Classroom

2800 N. Lincoln Blvd. OKC, OK 73105

405-522-5509 (Main)

**Contacts:** Cheri Long (405-249-9234),  
cheri.long@ag.ok.gov  
Dana Bessinger (405-795-0121),  
dana.bessinger@ag.ok.gov  
Audrey Harmon (405-740-0160),  
audrey.harmon@ag.ok.gov  
[www.agintheclassroom.org/ok](http://www.agintheclassroom.org/ok)

Oklahoma Ag in the Classroom is a joint project of Oklahoma Cooperative Extension Service, 4-H Youth Development, the Oklahoma Department of Agriculture, Food and Forestry, and the Oklahoma State Department of Education. The purpose of Oklahoma Ag in the Classroom is to help familiarize Oklahoma school children with Oklahoma's number one industry - the food and fiber industry.

Oklahoma Ag in the Classroom curriculum features lessons for grades pre-K-8 that are hands-on and fun, making use of a subject and a substance that is very familiar and dear to most students - food. Activities on Animal and Plant Agriculture are used to reinforce core skills in Language Arts, Mathematics, Science, Social

Studies, Visual Arts and Music. Most of the lessons are interdisciplinary and teach many of the Oklahoma State Department of Education's Common Core and OC3 Standards. All lessons are available on the website.

A variety of resources are available including:

- ⊙ Classroom recipes
- ⊙ Books sorted by agricultural topic
- ⊙ Quick ag facts
- ⊙ Games
- ⊙ Maps
- ⊙ Pattern Pages
- ⊙ Songs
- ⊙ Poems

Oklahoma Ag in the Classroom can provide free professional development for school staff.





## Oklahoma Forestry Services

2800 North Lincoln Boulevard

Oklahoma City, OK 73105

**Contact:** Education Coordinator

(405) 522-6158

[www.forestry.ok.gov](http://www.forestry.ok.gov)

Our mission is “to conserve, enhance and protect the forest resources of Oklahoma for present and future generations.”

Oklahoma Forestry Services strives to educate Oklahomans of all ages about our diverse forestry resources and the issues, challenges, and opportunities facing these resources today.

Educational lending trunks are available for 2-week loans. Trunks include:

- ⊙ The Tree Trunk
- ⊙ Tree Bear Trunk
- ⊙ Nature Literature Trunk
- ⊙ Fire Ecology Trunk
- ⊙ Papermaking Kits

The Forest Trees of Oklahoma, guide book identifies and illustrates the state’s wealth of native trees. It may be purchased for \$3 in person or \$4 if mailed.

Professional foresters and education personnel are available to present programs for schools, youth groups, civic clubs and others on topics including:

- ⊙ Urban forestry
- ⊙ Tree care & selection
- ⊙ Wildfire prevention
- ⊙ Forestry profession
- ⊙ Smokey Bear
- ⊙ Forest management
- ⊙ FireWise
- ⊙ Oklahoma insect & disease issues

Project Learning Tree (PLT) is an international award-winning program that brings the forest into the classroom through fun hands-on activities appropriate for every grade level. For more information on PLT please see page 41.

Oklahoma Forestry Youth Camp provides students, ages 13 - 15, the opportunity to experience the forestry and wildlife professions, to learn about Oklahoma’s natural resources and build an awareness of environmental components. Campers will explore Oklahoma’s natural resources with professionals from across the state with hands on activities including forest management, stream ecology, fire management, wildlife management, urban forestry, and how they all work together. Of course, there is time for swimming, hiking, and outdoor recreation! The camp takes place in early June at Beaver’s Bend State Park.

Tours of the Forest Regeneration Center, located just south of Norman, show how tree and shrub seedlings are grown for landowners. These seedlings are used to control erosion, create windbreaks, grow new forests, improve wildlife habitat, and educate Oklahomans.



**Oklahoma  
Forest Heritage  
Center**



**Forest Heritage Center Museum**

Oklahoma Forestry Services  
P.O. Box 157  
Broken Bow, OK 74728

**Contact:** Doug Zook, Director  
580-494-6497  
fhc@beaversbend.com  
www.forestry.ok.gov

Nestled among the towering pines of Beavers Bend State Park, Oklahoma Forestry Services, a division of the State Department of Agriculture, Food & Forestry, offers a variety of forestry education programs and resources at the Forest Heritage Center Museum. The Museum, officially designated as the “Wood Art Capital of Oklahoma,” features exhibits and educational programs that offer a fascinating view of the South’s rich forest history. A series of 14 large dioramas painted by Smokey Bear artist, Harry Rossoll, can be viewed during a museum tour. Permanent gallery exhibits include the Echinata Gallery, featuring exceptional wood art, and the People of the Forest exhibit that depicts, through compelling images of early day logging, Dierks Lumber & Coal Co., the traveling

timber towns of Clebit and Alikchi, and the contributions of the Civilian Conservation Corps, the lifelong struggles to harvest and preserve the vast timberlands of southeastern Oklahoma. The Forest Heritage Center is a partnership between Forestry Services, the Forest Heritage Center Advisory Board and the Department of Tourism and Recreation.

**Programs Include:**

- ☉ Beginning Woodturning: A Foundation Class
- ☉ Artist of the Year Competition & Exhibit
- ☉ Camp Discover: Art of the Forest
- ☉ “Masters at Work” Woodturning Competition and Exhibit
- ☉ Beavers Bend Folk Festival



**Oklahoma Department of Environmental  
Quality**

P.O. Box 1677  
Oklahoma City, OK 73101-1677

**Contact:** Sara Ivey, Education Programs  
and Services Coordinator  
(405) 702-7122  
sara.ivey@deq.ok.gov  
www.deq.state.ok.us

The mission of the Oklahoma Department of Environmental Quality (DEQ) is to enhance the quality of life in Oklahoma and protect the health of its citizens by protecting, preserving and restoring the water, land and air of the state, thus fostering a clean, attractive, healthy, prosperous and sustainable environment. The DEQ administers environmental rules concerning air quality, hazardous waste, solid waste, water quality, environmental laboratory services & certification, radiation management and other programs and functions specified in the Oklahoma Environmental Quality Code. DEQ places a high priority on providing Oklahoma citizens with rapid responses to environmental issues and quality public information. It also works to build and implement innovative programs to promote and educate pollution prevention, waste reduction and recycling. DEQ is happy to assist teachers, students and the public with environmental education and information.

The DEQ has many resources available to the public including:

- ④ Environmental Education grants
- ④ Presentations, demonstrations, and

assistance for topics such as: air quality, recycling, waste reduction, land restoration and site cleanup, water conservation and water quality.

- ④ The DEQ has numerous publications, fact sheets and educational materials available covering the wide range of environmental topics the DEQ handles. Hard copies are available upon request, or print them right off of the web page. <http://www.deq.state.ok.us/mainlinks/eeepage.htm>
- ④ The Air Quality Division has an email notification system for alerting the public when Air Quality Health Advisories are issued. Sign up to receive these alerts at <http://www.deq.state.ok.us/aqdnew/AdvisorySignUp.htm>
- ④ Local DEQ Environmental Specialists respond to all citizen complaints regarding environmental pollution. The DEQ Environmental Complaints Hotline is (800) 522-0206.

For more information about the programs and services available from the DEQ, please contact the Education Programs and Services Coordinator, Sara Ivey at (405) 702-7122 or [sara.ivey@deq.ok.gov](mailto:sara.ivey@deq.ok.gov).



## Oklahoma Department of Transportation

200 NE 21st Street  
Oklahoma City, OK 73105

**Contact:** Melody Johnson, ODOT State Beautification  
Coordinator

(405) 521-4037

[beauty@odot.org](mailto:beauty@odot.org)

[www.okladot.state.ok.us/beauty](http://www.okladot.state.ok.us/beauty)

The Oklahoma Department of Transportation (ODOT) is responsible for the removal of litter and illegal dumps from the right-of-way along 13,000 miles of state highways. It is also responsible for the landscaping and beautification of that right-of-way. To keep Oklahoma highways clean and beautiful, ODOT has a number of

programs in place including:

- ⊙ The Adopt-A-Highway program
- ⊙ “Keep Our Land Grand” anti-litter campaign
- ⊙ Roadside Wildflower Program
- ⊙ The Highway Tree Grant Program
- ⊙ The Annual Trash Poster Contest
- ⊙ The Oklahoma TRASH-OFF
- ⊙ Highway Art Program



### Oklahoma Department of Wildlife Conservation

ODWC Information and Education Division

1801 N. Lincoln Blvd.

Oklahoma City, OK 73105

**Contact:** (405) 521-3855

[www.wildlifedepartment.com/out\\_ed.htm](http://www.wildlifedepartment.com/out_ed.htm)

The Oklahoma Department of Wildlife Conservation (ODWC) is responsible for the state’s wildlife resources; their management, conservation, enhancement and utilization. It is the advocate for wildlife, their habitat, and the enjoyment of these resources by Oklahoma citizens.

- ⊙ Oklahoma National Archery in the Schools Program (4th – 12th graders)
- ⊙ The Aquatic Resources Education Program
- ⊙ Hunter Education (recommended ages 10 and up)
- ⊙ Shotgun Training and Education Program (STEP)

The ODWC is involved in education in several areas including:

- ⊙ Explore Bowhunting (ages 11-17)
- ⊙ One-Day Explore Bowhunting Training workshops

ODWC is also a sponsor of the Oklahoma Project WILD program. For more information about this program, please see page 43.



### Oklahoma Energy Resources Board

500 NE 4th St., Suite 100

Oklahoma City, OK 73104

**Contacts:** Taylor Todd, [ttodd@oerb.com](mailto:ttodd@oerb.com)

Carla Schaeperkoetter, [cshae@oerb.com](mailto:cshae@oerb.com)

(405) 942.5323

[www.oerb.com](http://www.oerb.com)

The Oklahoma Energy Resources Board is an oil and natural gas industry-funded state agency dedicated to energy education and environmentally restoring orphaned or abandoned oil and natural gas exploration and production sites. The OERB also provides Oklahoma teachers with science and math based energy curriculum for grades K-12. The agency trains teachers in the use of the curricula at OERB workshops all around the state. At these workshops, teachers receive all the materials they need to teach the OERB curriculum along with a stipend and professional development hours.

Once a teacher has completed teaching the energy curriculum, the OERB sponsors a free field trip to one of the eight science museums across the state. Another supplement to the OERB curriculum is the Petro Pros

program. Petroleum Professionals is a statewide, hands-on program that allows professionals from the petroleum industry to give a 1-hour, interactive presentation about the formation, production and consumption of fossil fuels. The presentation also allows students to ask questions about careers in the industry and what classes they need to focus on.

Most recently, the OERB has created the PetroTech program in collaboration with Francis Tuttle in Oklahoma City and Tulsa Tech. This program allows industry and non-industry professionals to become a certified Land Tech, Geology Tech or Engineering Tech. The OERB also offers scholarships at OU, TU, OCU and OSU for students who are majoring in petroleum-related fields.



## Oklahoma Green Schools

**Contact:** Christina Roberson, Program Director  
(405) 740-7811  
info@okgreenschools.org  
www.okgreenschools.org

The mission of the Oklahoma Green Schools Program is to educate and empower Oklahoma students and teachers to make a difference in their schools and communities through an increased understanding of environmental issues leading to stewardship of resources and personal responsibility. There are many, many resources for “green” schools. The information can be overwhelming. The Oklahoma Green Schools Program brings coordination and focus to the green school movement in Oklahoma.

Studies have shown that Green Schools provide significant benefits to children’s health and to the environment. Some of these include improved energy performance, improved test scores and engagement in learning across all core subjects, increased health and better attendance for students and staff, increased student attention capabilities, reduced CO2 and other greenhouse gas emissions.

The program has been divided into three tracks. Schools can participate in any

track, at any time. You DON'T have to be one of the schools in the program to begin greening your school.

◎ **Track One: PLT School Investigations**

This track includes free environmental education materials, assistance with service learning projects, and student-led school investigations in: Energy, Water, Waste & Recycling, Environmental Quality and School Site.

◎ **Track Two: Energy Star for Schools**

Through our partners we will help evaluate your school's energy performance with Portfolio Manager, Energy Star's secure online tool.

◎ **Track Three: LEED for Schools**

For new construction or major

renovations, LEED saves energy and promotes health. We'll put you in touch with US Green Building Council professionals to answer your questions and help you achieve this goal.

Oklahoma Greens Schools has resources and curriculum available on the website for topics such as Energy Use and Conservation, Water Use and Conservation, Waste and Recycling, Air Quality and Mold, Cleaning Products, Transportation, Food Service, Composting, Grounds keeping, and much more. Green Schools Toolkits are available for loan to assist with the Track One, PLT School Investigations. Sign up to receive email updates about funding opportunities, resources, awards and more. Visit our website at [www.okgreenschools.org](http://www.okgreenschools.org)



**Oklahoma Invasive Plant Council**

University of Oklahoma  
c/o Oklahoma Biological Survey  
111 E. Chesapeake St.  
Norman, OK 73019

**Contact:** [okipc@ou.edu](mailto:okipc@ou.edu)  
<http://ok-invasive-plant-council.org/>

The Oklahoma Invasive Plant Council (OKIPC) mission is to facilitate efficient and effective management of invasive plants for the protection of the economic and natural resources of Oklahoma's private and public land and water.

The OKIPC works with a variety of stakeholders including Businesses/ Industries, Landowners and managers, federal, state, and local agencies, Native American Tribes, and Nonprofit organizations.

The OKIPC concentrates on the following strategies:

- ⊙ Increase awareness through education about invasive plants, focusing on invasive sources, economic and ecological effects, recognition, prevention, early detection and rapid response, and control and management strategies.
- ⊙ Encourages legislative and regulatory improvements
- ⊙ that increase invasives control effectiveness.
- ⊙ Promote greater coordination between all entities engaged in or affecting invasives management.
- ⊙ Serve as a clearinghouse for invasives management strategies.
- ⊙ Identify and encourage sources of funding for invasives education and management.
- ⊙ Identify invasive species and assess their potential threat for Oklahoma.



### Oklahoma Native Plant Society

P. O. Box 14274  
Tulsa, OK 74159

**Contact:** Adam Ryburn  
ryburna@yahoo.com  
www.oknativeplants.org

Oklahoma's amazingly diverse flora has long been of interest to state residents. In 1987, individuals from throughout the state founded the Oklahoma Native Plant Society (ONPS) to encourage the study, protection, propagation, appreciation, and use of the state's native plants. The society's varied activities—field trips, lectures, workshops, displays, inventories, and roadside plantings—promote an awareness and understanding of some of the state's most valued treasures.

ONPS currently has five chapters, the Central Chapter which meets in Oklahoma City, the Northeast Chapter which meets in Tulsa, the Cross Timbers Chapter which meets in Stillwater, the Southwest Chapter which meets in the Lawton area, and the Mycology Chapter which meets in Edmond.

A quarterly newsletter, "The Gaillardia" is published and a complimentary copy may be obtained from either of the sources above. Annual membership fees are Student \$5, Individual \$15, Family \$20, Lifetime Individual \$250, and Lifetime Family \$350.





OKLAHOMA RECYCLING ASSOCIATION

## Oklahoma Recycling Association

P.O. Box 521154

Tulsa, OK 74152

**Contact:** [info@recycleok.org](mailto:info@recycleok.org)

[www.recycleok.org](http://www.recycleok.org)

The Oklahoma Recycling Association (OKRA) is a nonprofit organization working to support communities, governments, and individuals in recycling. We provide a forum for networking, encourage local end-markets, and work to create a unified voice for Oklahoma Recyclers. We have strong partnerships with the state DEQ, Keep Oklahoma Beautiful, The Metropolitan Environmental Trust and EPA.

Recycling means many things to Oklahomans. Beyond resource conservation and managing solid waste, recycling creates jobs in Oklahoma. Recent studies show that there are more than 5,000 jobs in Oklahoma created from recycling related processes. These jobs represent over 300 million dollars in payroll each year. Recycling is good for the Earth AND good for the economy of Oklahoma.

- ☉ Solid Waste Management Resource Trunks are now available for loan to K-12 educators! Trunks feature a 'Close the Loop' display component with tabletop display and samples of items made from recyclable materials. Also included

in the trunks are activities and resources on topics such as: Reduce, Reuse, Recycle; Backyard Composting; Household Hazardous Waste; Illegal Dumping and Littering; and much more.

- ☉ OKRA sponsors an annual Public Service Announcement (PSA) Contest for students in grades 9-12. The PSA contest is devoted to raising awareness about the importance of recycling in Oklahoma. The OKRA Public Service Announcement Contest gives students the opportunity to express themselves in positive manners and provide education and support to their peers through the development of original and compelling PSAs that encourage recycling in their schools and communities with emphasis on how recycling saves natural resources and energy and reduces pollution.

OKRA also has many resources available for teachers and students including curricula and classroom activities. If you have questions about recycling issues in Oklahoma, OKRA would be happy to assist.





## Oklahoma State Parks

The Main Office of Oklahoma State Parks Division  
of Oklahoma State Parks

**Attention:** Programs Manager  
120 N. Robinson Street, Room 600  
Oklahoma City, Oklahoma 73102  
(405) 230-8300  
OklahomaStateParks@OTRD.state.ok.us  
[http://www.travelok.com/State\\_Parks](http://www.travelok.com/State_Parks)

### Nature Center Facilities and Programs

The following state parks have fulltime naturalists who lead environmental education programs at their park. These state parks also feature nature centers containing exhibits that highlight the natural resources and cultural history of the park area. Park naturalists also welcome the opportunity to share their expertise with the residents of nearby communities by providing programs at schools, libraries, meetings of youth organizations such as Boy and Girl Scouts, and at county conservation days and other public events. State park naturalists provide away-from-the-park programs upon advance invitation and as their schedules permit.

#### Alabaster Caverns State Park

Rt. 1, Box 32  
Freedom, Oklahoma 73842-9625  
(580) 621-3381  
[alabastercaverns@oklahomaparks.com](mailto:alabastercaverns@oklahomaparks.com)

#### Beavers Bend State Park

Box 10  
Broken Bow, Oklahoma 74728-0010  
(580) 494-6556  
[naturecenter@beaversbend.com](mailto:naturecenter@beaversbend.com)

#### Bernice State Park

c/o Honey Creek State Park  
901 State Park Road  
Grove, Oklahoma 74344-5201  
(918) 257-8330  
[naturecenter@junct.com](mailto:naturecenter@junct.com)

#### Greenleaf State Park

Rt. 1, Box 119  
Braggs, Oklahoma 74423-9743  
(918) 487-7125  
[naturehut@onenet.net](mailto:naturehut@onenet.net)

#### Lake Eufaula State Park

HC 60, Box 1340  
Checotah, Oklahoma 74426-9437  
(918) 689-4607  
[naturecenter@ecewb.com](mailto:naturecenter@ecewb.com)

#### Lake Murray State Park

18407 Scenic Highway 77  
Ardmore, Oklahoma 73401-9161  
(580) 223-2109  
[lakemurraystatepark@oklahomaparks.com](mailto:lakemurraystatepark@oklahomaparks.com)

#### Lake Tenkiller State Park

HCR-68, Box 1095  
Vian, Oklahoma 74962-9144  
(918) 489-5643  
[tenkillercabins@OTRD.state.ok.us](mailto:tenkillercabins@OTRD.state.ok.us)

**Lake Texoma State Park**  
P.O. Box 279  
Kingston, Oklahoma 73439-0279  
(580) 564-2566  
texomastpk@oklahomaparks.com

**Lake Thunderbird State Park**  
13101 Alameda Drive  
Norman, Oklahoma 73026-8605  
(405) 321-4633  
crowssecret@sbcglobal.net

**Robbers Cave State Park**  
P.O. Box 9  
Wilburton, Oklahoma 74578-0009  
(918) 465-2562  
robberscave@OTRD.state.ok.us

**Sequoyah State Park**  
17847 Park 10  
Hulbert, Oklahoma 74441  
3forksnature.center@gmail.com

**Science Bellringers on the Web**  
Oklahoma State Parks, in cooperation  
with the Oklahoma State Department  
of Education and other agency partners,

has produced forty three film clips that address science curriculum standards for elementary and secondary grade levels. Most of these film clips are between 4 to 6 minutes in length and contain video of students as they participated in field trips to special natural resource locations in Oklahoma. With each clip, or bellringer, is a Teacher Tool that provides additional resources for educators.

These bellringers are free materials that are compressed video. They are produced as progressive downloads in wmv format. Students can view them on a classroom computer, on a whiteboard or other form of digital video projection.

Teachers can make CD's of specific bellringers by caching desired film clips onto their computer's desktop.

To view these bellringers, go to the Oklahoma State Department of Education's website: <http://www.ok.gov/sde/science#Bellringers>



**Oklahoma State University**  
**Botanic Garden at Oklahoma State University**  
OSU Department of Horticulture/Landscape Architecture  
Garden Address: 3300 W. 6th St, Stillwater OK 74078  
Mailing Address: 358 Ag Hall, Stillwater, OK 74078  
**Contact:** Stephanie Larimer  
405-744-5404  
<http://www.osubotanicalgarden.okstate.edu/>

The Botanic Garden at OSU is a 100-acre research and extension facility, comprised of studio gardens, field trials, an arboretum, turfgrass research

center, and more! The new Integrated Environmental Research and Education Site demonstrates green methods of landscaping, sustainable building

techniques, pollution mitigation, and other earth-kind horticultural practices. The Sensory Garden provides experiences for all five senses; the Utility Garden demonstrates harmonious design techniques to integrate utility boxes, power lines, meters, etc. into

municipal and residential landscapes. Oklahoma Gardening is filmed in the studio gardens each week, and garden ambassadors are available to lead tours or answer horticultural questions. Garden hours are dawn to dusk, every day of the year.



Natural Resource  
Ecology & Management

### **Grazing, Wildlife and Prescribed Fire Ecology**

Natural Resource Ecology & Management  
Oklahoma State University  
008C Ag Hall  
Stillwater, OK 74078

**Contact:** Blayr Gourley  
(405) 744-4975  
blayr.gourley@okstate.edu

Educational programs are available on a wide variety of subjects including:

- ⊙ Sustainable use of rangeland for livestock production
- ⊙ Wildlife management Biological diversity
- ⊙ Watersheds
- ⊙ Prescribed fire implementation and ecology

Fact sheets, circulars, books, and videos are available on:

- ⊙ Native plant identification
- ⊙ Managing for wildlife
- ⊙ Using prescribed fire
- ⊙ Understanding plant and animal ecology
- ⊙ Managing livestock grazing

The Prairie Project, an educational website, offers teachers and students information on grazing, plants, wildlife, fire and energy in the prairie ecosystem. The website provides text, pictures, video and lesson plans for teachers, <http://theprairieproject.okstate.edu>.

The Wildlife Habitat Education Program (WHEP) is a 4-H and FFA youth natural resource program dedicated to teaching wildlife and fisheries habitat management to students ages 8-19 years-old in the state and across the nation. State and national competitions are held annually.

The Oklahoma 4-H shooting sports program offers healthy competition to youth in archery, muzzle loading, pistol, rifle, shotgun and hunting. Each discipline is taught by a national or state certified instructor, <http://oklahoma4h.okstate.edu/events/shoot.htm>.

The National Range Judging Contest activity “Judging Rangeland for Wildlife and Livestock Values” can be used in outdoor classrooms to give students the opportunity to learn about soils, native plants, native animals and their interaction with grazing by large herbivores such as bison or cattle.



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## Insect Adventure

### OSU Insect Adventure

OSU Department of Entomology and Plant Pathology  
127 NRC  
Stillwater, OK 74078

**Contact:** Andrine Shufan  
405-744-7755  
andrine@okstate.edu  
<http://www.insectadventure.okstate.edu/>

The OSU Insect Adventure, Oklahoma's only live bug petting zoo! Discover what a 10 inch millipede feels like and look a tarantula right in its 8 eyes. Meet several kinds of insects and their relatives up close and personal with this unforgettable hands-on activity that is adaptable to any event. Presented by a professional entomologist to provide reliable answers to all those questions that have been "bugging" you. Experience the beauty and fascination of arthropods and learn about their importance in our daily lives and even our existence on the planet! Explore the largest and most diverse group of animals on the planet in a way you'll be talking about for a long time to come.

Many types of presentations available:

- ☉ Live Bug Petting Zoo

- ☉ Beginning Entomology Collections
- ☉ Earth: the insect-ruled planet
- ☉ Venomous arthropods in Oklahoma and the world
- ☉ Bees and beekeeping

Activities also available:

- ☉ Insect Art (including maggot painting and pasta metamorphosis)
- ☉ Termite NASCAR
- ☉ Nature Journaling with kids of all ages
- ☉ Bug bingo
- ☉ Beetle races

Fee structure:

Visit to the Insect Adventure – by appointment, \$1/person, groups of 15-40. Have the Insect Adventure visit you – \$200/4 hours, additional costs over 20 miles or 4 hours.



### Oklahoma Junior Master Gardener

OSU Department of Horticulture/Landscape Architecture  
358 Ag Hall  
Stillwater, OK 74078

**Contact:** Shelley Mitchell, Oklahoma Coordinator, JMG  
405-744-5755  
Shelley.mitchell@okstate.edu  
National Website [www.jmgkids.us](http://www.jmgkids.us)

The Junior Master Gardener (JMG) program is an international youth gardening program of the University Cooperative Extension network. JMG engages children in novel, “hands-on” group and individual learning experiences that provide a love of gardening, develop an appreciation for the environment, and cultivate the mind.

JMG also inspires youths to be of service to others through service learning and leadership development projects, and rewards them with certification and recognition. Youths can explore their world through meaningful horticultural

and environmental science activities that encourage leadership development, personal pride, responsibility, and community involvement. The program incorporates service learning and volunteerism, which enables youth to make a positive contribution to their community.

JMG provides an opportunity for youth to interact and bond with nature. As they go through the JMG program, they can learn how to conserve our natural resources and make knowledgeable decisions about the environment.



### **Oklahoma Water Resources Center**

OSU Division of Ag Sciences and Natural Resources  
139 Ag Hall, Stillwater, OK 74078

**Contact:** (405) 744-5615  
water@okstate.edu  
<http://water.okstate.edu/>

The Oklahoma Water Resources Center was formed in August 2008 as a way to focus the efforts of the Division of Agricultural Sciences and Natural Resources in the arena of water. The Center consists of research and extension faculty and staff within the Division whose expertise include plants, soils, and ecosystems; water conservation; hydrology; land use and water quality; and economics and policy. Water-related programs at the county and state levels enhance the state by developing cost-effective and environmentally sustainable use of water resources.

The Center provides unbiased research-based information to Oklahoma agricultural producers and processors, value-added industries, community leaders, and county and state officials. This information is tailored to assist citizens with water use and water management decisions under rapidly increasing demand for water from multiple users and interest groups.

The Oklahoma Water Resources Research Institute (OWRRI), with its 46-year commitment to scientific inquiry and outreach on behalf of Oklahoma

citizens, merged with the Water Center in August 2011. The OWRRRI helps to resolve water issues in Oklahoma by sponsoring research and disseminating the resulting knowledge. The Water Center co-sponsors an annual Water Research Symposium in conjunction with the

Oklahoma Governor's Water Conference. The Research Symposium's Student Poster Contest provides students with experience presenting their original research to research scientists and water experts.



### Oklahoma Sustainability Network

The Oklahoma Sustainability Network (OSN) serves to connect and educate the people of

Oklahoma concerning the many aspects of sustainability. OSN is a catalyst and a resource for the improvement of Oklahoma's economy, ecology, and equity. OSN welcomes all individuals interested in any area of sustainability. Interest areas range from agriculture to commerce, energy to education, and design to preservation.

We encourage people to communicate, ask questions, request help or advice, submit event information, and relate stories pertaining to their environmental experiences in Oklahoma. You are encouraged to sign-up for the OSN listserv through the website for discussions or event and resource updates. OSN also includes eight active local chapters across the state. To find the chapter nearest you, see the sidebar on the left side of the website home page. <http://oksustainability.org/>



### Sustainable Green Country

Buy Fresh Buy Local Oklahoma  
P.O. Box 162  
Leonard, Ok 74043-0162

**Contact:** Rita Scott  
(918) 640-5408  
[rejuvrita@olp.net](mailto:rejuvrita@olp.net)  
[www.sustainablegreencountry.org](http://www.sustainablegreencountry.org)

Sustainable Green Country (SGC) is a regional chapter of the Oklahoma Sustainability Network. As a 501c3 nonprofit organization, located

in northeastern Oklahoma, we interconnect the urban with the rural facets, to create sustainable communities.

Initiatives include launching Buy Fresh Buy Local, a national partnership thru Food Routes, supporting local food, and small scale farmers. Projects include partnering with Cherokee Nation to establish Food Policy Councils, in Cherokee and Pryor counties, and creating a food system assessment tool to build a regional food system. Partnerships with Tulsa County Cooperative (TCC) Extension

and Indian Health Care Resource Center printed 10,000 farmers' market brochures, available at 42 branch libraries and cooperative. Events include Local Food Week Celebration, Ecofestival with TCC NE, and celebrating National Food Day, October 24th. Workshops include sponsoring Agroforestry specialist, Mark Shepard in spring and fall. Visit our website and list serve for more information.



sustainableokc

**Sustainable OKC**

P.O. Box 54665  
Oklahoma City, OK 73154

**Contact:** [president@sustainableokc.org](mailto:president@sustainableokc.org)  
[www.sustainableokc.org](http://www.sustainableokc.org)

Sustainable OKC (SOKC) is a grassroots organization working at the crossroads of business, social justice and the environment. SOKC promotes community sustainability by facilitating local action, fostering awareness of sustainability, and serving as an informational and networking resource in the Oklahoma City area.

SOKC is governed by a board of annually elected volunteers from a variety of personal and professional backgrounds. The board meets monthly to discuss and promote local events related to

sustainability in the OKC Metro. SOKC is a registered 501(c)3 nonprofit organization that works with local partners on various projects and supports ongoing programs such as: Buy Fresh Buy Local Central OK, Commonwealth Urban Farms, Green Drinks and Transition OKC.

To learn more about the organization, find upcoming projects and events, or to sign up for SOKC's listserv, please visit: [www.sustainableokc.org](http://www.sustainableokc.org) or contact us at [president@sustainableokc.org](mailto:president@sustainableokc.org)



**Sustainable Stillwater**

PO Box 2362  
Stillwater, OK 74076

**Contact:** Ilda Hershey/Cheryl Baker  
[sustainablestillwater@hotmail.com](mailto:sustainablestillwater@hotmail.com)  
[www.sustainablestillwater.org](http://www.sustainablestillwater.org)

Sustainable Stillwater promotes community sustainability through various campaigns, projects, volunteer and educational opportunities. It strives to connect those working toward sustainability and serves as a resource for environmental information integral to the sustainable future of Stillwater and Oklahoma.

These objectives are carried out with the implicit understanding of sustainable

development being the ability to meet the needs of individuals in the present without compromising the ability of future generations to meet their own needs.

Sustainable Stillwater volunteers work on local recycling efforts, water quality and conservation, community gardening, energy efficiency, pollution prevention, low-impact development and transportation issues.



### Oklahoma Water Resources Board

3800 N. Classen Blvd.

Oklahoma City, OK 73118

**Contact:** 405-530-8800

[pubinfo@owrb.ok.gov](mailto:pubinfo@owrb.ok.gov)

[www.owrb.ok.gov](http://www.owrb.ok.gov)

<http://twitter.com/OKWaterBoard>

The Oklahoma Water Resources Board administers approximately 12,000 permits authorizing the use of surface and groundwater across the state; conducts studies of stream systems and groundwater basins to determine amounts of water available for use; licenses water well drillers and pump installers in Oklahoma; coordinates state floodplain management and flood hazard mitigation activities; administers a program to ensure the safety of more than 4,500 dams; coordinates state drought monitoring activities; develops and maintains Oklahoma's Water Quality Standards and routinely collects supporting physical, chemical, and biological data on state waters; directs a monitoring program to document the beneficial use impairments of waters,

identify impairment sources, detect water quality trends, and facilitate the prioritization of pollution control activities; conducts water quality assessments to determine the relative health of state lakes and potential impairment problems; implements diagnostic and feasibility studies to restore the recreational benefits of public lakes throughout the state; supports state activities in four interstate stream compacts; updates the Oklahoma Comprehensive Water Plan and participates in cooperative water planning studies with the other local, state and federal governments; and administers the state's most popular low-interest loan and grant programs to fund the construction and rehabilitation of community water and wastewater projects.



## Prairie Rose Permaculture

1524 NW 21  
OKC, OK 73106  
(405) 200-8155

**Contact:** Bob Waldrop  
bob@bobwaldrop.net  
<http://www.bettertimesinfo.org>  
<http://www.energyconservationinfo.org>



Prairie Rose  
Permaculture

Permaculture is a design discipline that helps people create more sustainable human systems and habitations that care for people, care for the planet, and have a care for the future. Through permaculture design, people can experience more beauty, health, happiness, freedom, and cooperation in their lives, with less work, consumption, injustice, conflict, and waste.

Prairie Rose Permaculture offers free presentations to schools, service clubs, professional organizations, and other meetings that describe the basics of permaculture design and how it can benefit families and the natural environment. We can also offer free design assistance to nonprofit organizations and schools interested in developing projects such as forest gardens, vegetable gardens, community gardens, etc.



## Project Learning Tree (PLT), Oklahoma

2800 North Lincoln Boulevard  
Oklahoma City, OK 73105  
Sponsors: Oklahoma Forestry Services

**Contact:** Education Coordinator  
(405) 522-6158  
[www.forestry.ok.gov](http://www.forestry.ok.gov)  
[www.PLT.org](http://www.PLT.org)



Project Learning Tree (PLT) is an award winning, multi-disciplinary environmental education program for educators and students in PreK-grade 12. PLT, a program of the American Forest Foundation, is one of the most widely used environmental education programs in the United States and

abroad. PLT continues to set the standard for environmental education excellence. PLT uses the forest as a “window” to teach about natural resources while helping young people gain an awareness and knowledge of the world around them.

Workshops are available for both formal and non-formal educators including teacher in-service training, scout/youth leaders, pre-service teachers and naturalists. Each activity guide contains hands-on, supplemental activities, which involves students in the learning process. The guide includes more than 90 cross referenced activities. There are also 7

secondary modules available for students grades 9-12: Biodiversity, Biotechnology, Focus on Forests, Forests of the World, Places We Live, Focus on Risk, and Municipal Solid Waste. A six-hour training workshop is required in order to receive the activity guide. Workshops can be scheduled for staff development. The cost is \$20 per participant.



### **Project WET, Oklahoma**

2800 North Lincoln Boulevard, Suite 160  
Oklahoma City, OK 73105

**Sponsors:** Oklahoma Conservation Commission  
Oklahoma Department of Environmental Quality  
Oklahoma Water Resources Board

**Contact:** Karla Beatty  
(405) 521-2384  
karla.beatty@conservation.ok.gov



Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. Using water as a theme, Project WET provides hands-on activities to enhance the teaching of science, math, social studies, language arts and many other required subjects.

The goal of Project WET is to promote the awareness, appreciation, knowledge and stewardship of water resources through the development and dissemination of classroom ready teaching aids. By using Project WET services and resource materials, educators and their students will gain the knowledge, skill and commitment needed to make informed decisions about water resource uses and conservation.

Project WET is primarily designed for classroom teachers of grades K-12, but natural resource professionals, youth leaders, naturalists and other educators who work with students in these age groups will also find Project WET particularly useful. The heart of Project WET is the 500-page Curriculum and Activity Guide that contains more than 90 hands-on activities and includes instructions, background materials and cross-references for each activity. The activities in the Guide have also been correlated to state education standards. Project WET materials are distributed through minimum 6-hour workshops. The fee for the workshop is \$20 per person.

Oklahoma Project WET also offers training workshops using the WOW!

the Wonders of Wetlands curriculum. The WOW! curriculum guide is a comprehensive guide for educators, natural resource professionals or anyone teaching about wetlands. This 330-page publication features 70 pages of background material followed by more than 40 activities. Workshops can be

scheduled for staff development. Cost for the workshop is \$20 per person.

Check out trunks, groundwater flow models and other resources dealing with the waters of Oklahoma are also available through the Project WET program.



### **Project WILD, Oklahoma**

University of Central Oklahoma  
100 N University Dr. Box 99  
Edmond, OK 73034

**Contact:** Lisa Anderson  
(405) 990-1292  
okprojectwild@fullnet.net  
www.OKProjectWILD.org



Oklahoma Project WILD offers workshops and activity guides for anyone who wants to teach kids in and about the outdoors. The program will help you lead children on an exploration of the natural world while they gain valuable knowledge and skills. The activity guides are available only by participating in interactive, hands-on, fun workshops. As a workshop participant you will experience using the guides, participate in and conduct activities and improve your content knowledge.

Workshops are offered statewide or we can come to your location for a minimum of 15 participants. Workshops are six hours long and cost \$15 per person. Three types of workshops are available:

**Growing Up WILD** is an early childhood education program that builds on children's sense of wonder about nature and invites them to explore the world around them. The Growing Up WILD workshop and activity guide are designed to help those who work with children age 3-7 in providing an early foundation for developing active, healthy children who appreciate nature and are prepared to enter school with ample learning skills.

**Project WILD** provides educators of K-12 students with the tools, training and resources needed to engage students in active, hands-on learning about wildlife and the environment. The activity guides focus on developing students' critical thinking, problem-solving and decision-making skills

through the use of cross-curricular (science, math, social studies and language arts) lessons that are designed to address diverse teaching and learning styles. A balanced approach to key environmental issues teaches students how to think, not what to think.

**WILD about READING** is an enhanced Project WILD workshop that integrates literacy with the Project WILD activities. WILD about READING was developed on the belief that human beings are a part of the natural world and that we have many literary lenses through which to view our interactions and relationships

with wildlife. The workshop offers experiences with a wide variety of literature and opportunities to write, speak and listen that are designed to enhance Project WILD activities. It is full of possibilities for educators to explore connections between the environment and literacy.

Upcoming workshops are listed on the workshop schedule at [www.OKProjectWILD.org](http://www.OKProjectWILD.org). Oklahoma Project WILD is a program of the University of Central Oklahoma with funding provided by the Oklahoma Department of Wildlife Conservation.



### **Quartz Mountain Nature Park**

43393 Scissortail Road  
Lone Wolf, OK 73655

**Contact:** Sue Hokanson, Park Naturalist  
(580) 563-2238  
[sue@quartzmountain.org](mailto:sue@quartzmountain.org) or [quartz@quartzmountain.org](mailto:quartz@quartzmountain.org)



The interpretive program at Quartz Mountain Nature Park addresses the cultural and natural history of southwest Oklahoma (in general) and Lake Altus-Lugert (specifically).

Programs and/or field trips for organized groups are available. Programs can consist of lectures, audio/visual programs, games and/or "walks & talks". Programs can be presented "in park" or "off-site".

Topics include:

- ☉ Adaptations
- ☉ Common Birds
- ☉ Eagles
- ☉ Food Chains/Food Webs
- ☉ Geologic history of Quartz Mountain
- ☉ Habitat
- ☉ Predator/Prey
- ☉ Tracks
- ☉ Trees
- ☉ Wildflowers
- ☉ Wildscaping

Scout Badge Workshops/Service Projects: Workshops can be provided for many of the nature oriented merit badges. Contact the nature center to discuss details as badge requirements and badges

may change. Service Projects for Den, Packs or Troops can be set up upon advance request. Eagle Scout projects are also available.



## Rogers State University Conservation Education Reserve

1900 W. Will Rogers Circle, Suite C  
Claremore, Oklahoma 74017

**Contact:** 918-341-4147

[www.rogerscountyconservationdistrict.org](http://www.rogerscountyconservationdistrict.org)

The Reserve, a joint project of Rogers State University and the Rogers County Conservation District, is 120 acres of undeveloped wilderness adjoining the Rogers State University Campus in Claremore, Oklahoma. It is a living textbook of the environment for school groups, college students, educators, civic groups and the community.

This outdoor area was founded on the concept that to effectively understand and apply conservation measures, students, teachers, and citizens must have a firsthand opportunity to observe, classify, measure, analyze, and interpret natural resources and natural resources management practices. Programs in conservation education, environmental education and outdoor education are provided through hands on learning, teaching exercises and practices at the various Reserve sites.

These sites include:

- ⊙ Over 3 Miles of Asphalt Trails that are open to the public during daylight hours all year long
- ⊙ Wetlands with Accessible Wetland Walkway
- ⊙ Aquatics Laboratory
- ⊙ Outdoor Education Amphitheater
- ⊙ Butterfly Garden and Backyard Habitat
- ⊙ Tall Grass Prairie
- ⊙ Hardwood Trail
- ⊙ Pond with Accessible Fishing Dock
- ⊙ Prairie Reclamation Demonstration

The Reserve offers environmental/conservation education and training for all ages, tailored for groups and individual needs. Workshops, seminars, staff development programs, and many other environmental education opportunities are also available. For more information please visit our website [www.rogerscountyconservationdistrict.org](http://www.rogerscountyconservationdistrict.org)



**Professional**  
TRAINING CENTER  
ROSE STATE COLLEGE



### **Rose State College - Oklahoma Environmental Training Center**

6420 SE 15th Street  
Midwest City, Ok 73110

**Contact:** Bill Clark  
(405) 733-7488  
bclark@rose.edu

The Oklahoma Environmental Training Center at Rose State College has been providing environmental training since 1975. Because environmental regulations are constantly changing or being revised the Oklahoma Environmental training Center has established a close working relationship with the Oklahoma Department of Environmental Quality and the US Environmental Protection Agency to remain current with the latest rules and standards.

The Oklahoma Environmental Training Center (OETC) offers a broad range of

affordable classes and trainings such as:

- ⊙ OSHA safety
- ⊙ Water and wastewater operator certification classes
- ⊙ On-site wastewater treatment training to the Oklahoma Tribal Community.
- ⊙ On-site technical assistance visits to small wastewater treatment systems

For more information about water and wastewater operator training or any of our environmental training programs at Rose State College contact the Environmental Coordinator at (405) 733-7488.



### **Sam Noble Oklahoma Museum of Natural History**

University of Oklahoma  
2401 Chautauqua Ave.  
Norman, OK 73072

**Contact:** Education Department  
(405) 325-1008  
education@snomnh.ou.edu  
www.snomnh.ou.edu



**Sam Noble Museum**  
THE UNIVERSITY OF OKLAHOMA

The Sam Noble Museum at The University of Oklahoma inspires minds to understand the world through collection-based research, interpretation, and education. Featuring interactive

exhibits and educational programs that introduce visitors to Oklahoma's rich natural and cultural history, the Sam Noble Museum is one of the finest university-based museums in the nation.

Permanent exhibit galleries include the Orientation Gallery, where visitors can see Sauroposeidon, the world's tallest dinosaur and an Oklahoma original; the Hall of Ancient Life, featuring the "Clash of the Titans," a mighty Apatosaurus locked in battle with the Jurassic predator Saurophaganax; the Hall of the People of Oklahoma, where the "Cooper Skull," the oldest painted object in North America is located; and the Hall of Natural Wonders, highlighting the many ecosystems in Oklahoma. The interactive Discovery Room invites visitors to explore artifacts and scientific specimens up close and even dig for dinosaur bones. Temporary special exhibitions are featured in several galleries and vary throughout the year.

The following programs and resources are available:

- ☉ Classes, laboratories, and facilitated Discovery Room sessions for visiting school groups

- ☉ Pre- and post-visit resource materials for teachers (available from website)
- ☉ Teacher professional development workshops
- ☉ Discovery Kits, available at no charge to educators
- ☉ Whitten-Newman ExplorOlogy® Program, a series of programs that provide an authentic science experience to participants
- ☉ Summer programs for children
- ☉ Field trips for adults and families
- ☉ Lectures, seminars, and workshops for adults
- ☉ Volunteer opportunities
- ☉ Birthday parties for children
- ☉ Evening rental for special events

For information about specific programs, upcoming exhibits or available resources, please visit the museum website or call the museum at (405) 325-4712.



### Science Museum Oklahoma

2100 NE 52nd St.  
Oklahoma City, OK 73111

**Contact:** Jim Foster,  
Academic Networking Coordinator  
(405) 602-3751, Reservations: (405) 602-3760  
[www.sciencemuseumok.org](http://www.sciencemuseumok.org)

Science Museum Oklahoma reveals the wonder and relevance of science in our everyday lives. Get up to your elbows in science with acres of hands-on experiences, thousands of space, aviation and cultural artifacts and new exhibits always on the horizon. Blast off beyond the Milky Way in the Planetarium

Theater and feel the heat from live explosions in Science Live. And you'll love traveling to new worlds while watching IMAX movies in the dome theater. Let your inner-child run wild! Special rates are available for schools and groups. Contact Science Museum Oklahoma for more information.



## Sierra Club, Oklahoma Chapter

PO Box 180

Oklahoma City, OK 73101-0180

**Contact:** Susie Shields Derichsweiler

(405) 620-4989 cell

greensusie@cox.net

www.oklahoma.sierraclub.org

The Sierra Club's philosophy is that our Earth's resources must be planned to offer the greatest likelihood of sustainability over long periods of time, minimizing damage to ecosystems, individual living things, and other resources. Protecting the environment is a responsibility we must all share. We must each assume responsibility for our role in reducing environmental problems, starting with our own lives and "leaving lighter footprints on the planet" for the benefit of future generations.

The Sierra Club is well known for its extensive outings program including not only hiking and backpacking, but also such activities as skiing, canoeing, and caving. The Inner City Outings (ICO) program is maintained to give disadvantaged children a chance to experience the outdoors. A Nature Camp for grades 1st-6th in Stillwater is sponsored by the Club for two weeks each June.

Provision of educational assistance and materials are a big part of the Sierra Club agenda. Included are the following efforts:

- ⊙ Regular publications include: the bimonthly Sierra magazine and local group newsletters or online announcements.

- ⊙ Backpacking workshops, Red Cross training, wilderness medicine, and map/compass training seminars are open to the public.
- ⊙ Fact sheets, special reports and position papers may be found on the national web site: [www.sierraclub.org](http://www.sierraclub.org)
- ⊙ Financial assistance is provided for environmental education activities statewide, primarily for the Oklahoma Green Schools Program and Earth Day events. Short proposals of funding needs and summary of project must be submitted for consideration.
- ⊙ Sustainability campaigns include "Kick the Bottle, Hit the Tap" campaign promoting tap water in lieu of bottled water. Sierra Club participates in many events and projects to promote increased support of local food.
- ⊙ An Environmental Education Award is presented annually.

Teacher materials include:

- ⊙ An environmental documentary film library with many DVDs for loan to schools, civic organizations, churches, or other groups. See list online here: [http://oklahoma.sierraclub.org/ee/dvd\\_library\\_2011.pdf](http://oklahoma.sierraclub.org/ee/dvd_library_2011.pdf)

- ⊙ A variety of Knowledge Cards (teaching decks) are available. Topics may be found online here: <http://pomegranate.stores.yahoo.net/siclknca.html>
- ⊙ Tomorrow's Planet student newsletters may be downloaded here: <http://www.sierraclub.org/education/newsletter/>
- ⊙ John Muir Study Guide with Lessons are online here: [http://www.sierraclub.org/john\\_muir\\_exhibit/john\\_muir\\_day\\_study\\_guide](http://www.sierraclub.org/john_muir_exhibit/john_muir_day_study_guide)
- ⊙ Green Teacher Curriculum guides are available to members upon request. Find out more online here: <http://www.greenteacher.com/>

There are three local groups in Oklahoma:

- ⊙ Green Country Group (Tulsa and northeastern Oklahoma)
- ⊙ Cimarron (OKC & western Oklahoma)
- ⊙ Red Earth Group (Norman and southeastern Oklahoma).

Local members are available to talk to groups and classes about the Sierra Club. Local groups are generally involved with Earth Day celebrations and/or other environmental events in their area upon invitation.



## Solid Waste Institute of Northeast Oklahoma

111 West Shawnee  
Tahlequah, OK 74464

**Contact:** Ken Purdy  
(918) 456-0116  
[www.swino.org](http://www.swino.org)



The Solid Waste Institute of Northeast Oklahoma is a nonprofit, regional public-interest organization dedicated to the development of progressive solid waste management programs and practices. The Institute serves the 14 counties of northeastern Oklahoma.

Principal program services of the Institute include solid waste related research, planning, public education, and provision of advisory and technical assistance. Primary beneficiaries of Institute services are county, city, and tribal governments, citizens' groups, school and other youth groups, business and industry officials, and professional

staff involved with solid waste management issues.

Education and information programs of the Institute include:

- ⊙ A Solid Waste Management newsletter.
- ⊙ A procedure guide for developing community waste collection and recycling events.
- ⊙ An 18-minute video program, "No Time to Waste Oklahoma," which presents a comprehensive overview of solid waste management in Oklahoma, highlighting problems and potential solutions.

- ⊙ A 20-minute color slide presentation, “Community Solutions to Oklahoma’s Illegal Roadside Dumps,” for adult audiences.
  - ⊙ A 45-minute hands-on activity for elementary students, “What Do We Do with Our Trash?” involving an illegal dump and a groundwater model illustrating potential pollution.
  - ⊙ A 15-minute hands-on activity on recycling, “Talking Trash,” useful at Earth Fairs for large groups of students.
  - ⊙ A self-explanatory table display on “Open Roadside Dumping” available to be set up at fairs or in other public places.
  - ⊙ Other customized programs on request.
- A complete listing of services and other program offerings is available by contacting the Institute or accessing the website.



### **Tulsa Master Recyclers Association**

1232 South Columbia Place  
918- 592-1466

**Contact:** Diana Askins  
tulsamra@yahoo.com  
www.tulsamasterrecyclers.org

The Tulsa Master Recyclers Association was established to promote a healthy and sustainable environment by educating and motivating people to reduce waste throughout the Tulsa community and the State of Oklahoma. Our members can educate and promote waste reduction through a variety of public outreach arenas. We help coordinate events to be more sustainable and earth friendly. We will attend

community meetings, local festivals, workshops, city and county events, state conferences promoting waste reduction. We write articles for the local papers on recycling and waste reduction. We have speakers available to groups on a variety of sustainability and waste reduction topics. We are always happy to help other communities start their own Master Recyclers program.



### **Up With Trees**

1102 S. Boston Ave.  
Tulsa, 74119

**Contact:** Anna America, Executive Director  
918-610-8733  
trees@upwithtrees.org  
www.upwithtrees.org

Up With Trees is a Tulsa nonprofit dedicated to planting, preserving and promoting Tulsa's urban forest. Established in 1976, in the organization's 36+ years, it has planted nearly 30,000 trees and now maintains more than 500 tree sites along roadways, at parks and schools, and in other public places in Green Country.

In addition to the trees it has planted, over the years Up With Trees has distributed more than 80,000 trees to others in the community through a variety of programs. This includes 10,000+ seedlings given away each spring as part of conservation education

programs and to date, more than 40,000 3-gallon trees distributed at no charge to other nonprofits, schools, government agencies and neighborhood associations.

The organization also is Tulsa's premier urban forestry education provider, offering a variety of workshops and classes for the public ranging from "tree walks" exploring the area's tree treasures, to classes like "Winter Tree Care Tips" to an annual intensive 16-hour "Citizen Forester" program and a summer month-long Youth Citizen Forester program.



## U.S. Department of Agriculture

USDA-Natural Resources Conservation Service  
State Office - Oklahoma  
100 USDA, Suite 206  
Stillwater, Oklahoma 74074

**Contact:** Ronald L. Hilliard -State Conservationist  
(405) 742-1204  
[www.ok.nrcs.usda.gov](http://www.ok.nrcs.usda.gov)

Tom M. Lucas, Ph.D., Public Affairs Specialist  
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Born out of the Dust Bowl and inspired by a shared vision of agriculture as a valued component of the landscape, the Natural Resources Conservation Service (NRCS) works in partnership with farmers, ranchers, and many others to improve, restore, and protect Oklahoma and the Nation's natural resources.

Working side by side with these partners, we work to sustain and improve the quality of our soil, water, air and wildlife habitat, and we develop conservation plans that work for the land and for farmers and ranchers. Farm Bill Programs help with the cost of putting conservation on the ground,

which benefits the farm, the watershed and the community. Conservation easement programs, also in the Farm Bill, help to protect the agricultural and natural resource values of the land over the long term.

With our help, Oklahoma is balancing economic goals with a high quality environment, thereby ensuring productive lands to supply food, fiber,

forest, and energy products for the Nation and the world. NRCS has field offices in every county in Oklahoma, staffed with conservation professionals. In 2011, NRCS delivered \$47 million of Farm Bill Funding in seven programs to Oklahoma. NRCS offices have a variety of educational materials on conservation of natural resources, which are available to schools and the public.



### U.S. Geological Survey – Oklahoma Water Science Center

202 NW 66th Street, Bldg. 7  
Oklahoma City, OK 73118

**Contact:** Kim Winton  
(405) 810-4416  
Info\_ok@usgs.gov  
<http://ok.water.usgs.gov>

The U.S. Geological Survey (USGS) is a bureau of the U.S. Department of the Interior. Since 1879, the primary missions of the USGS have been to characterize natural resources and landscapes of the United States and share those data with the public through maps, brochures, educational websites, technical reports, and publically-available databases.

The USGS is arranged in six mission areas to achieve its primary missions: (1) Climate and Land Use Change, (2) Core Science Systems (geospatial, mapping, data synthesis), (3) Ecosystems, (4) Energy, Minerals, and Environmental Health, (5) Natural Hazards, and (6) Water. The USGS Oklahoma Water Science Center operates about 200 stream gages across the state that

are used for flood prediction, water allocation, ecosystem studies, and recreational uses. The Center also conducts targeted studies of aquifers and river systems across the state to investigate trends in streamflow and groundwater availability and water-quality. Center staff work closely with staff of other Federal agencies, state agencies, local agencies, and Tribes to monitor and describe water resources in Oklahoma.

The USGS Oklahoma Water Science Center produces numerous reports about Oklahoma water resources each year, which are available from the Center or on the web at <http://pubs.er.usgs.gov/>. Additional resources include:

- © The USGS Education website (<http://education.usgs.gov>)

- ⦿ Water Science for Schools website (<http://ga.water.usgs.gov/edu>)
- ⦿ Youth Initiative Program (photos and videos available at [http://gallery.usgs.gov/sets/Student\\_and\\_Youth\\_Initiative](http://gallery.usgs.gov/sets/Student_and_Youth_Initiative))
- ⦿ Tribal education activities through the Technical Training in Support of Native American Relations (TESNAR) program.
- ⦿ Pathways program (<http://www.usajobs.gov/StudentsAndGrads>)
- ⦿ Student Interns in Support of Native American Relations (SISNAR) program (<http://www.usgs.gov/indian/activities/index.html>).



## Wichita Mountains National Wildlife Refuge

Refuge Headquarters  
32 Refuge Headquarters  
Indiahoma, OK 73552

**Contact:** (580) 429-3222  
[wichitamountains@fws.gov](mailto:wichitamountains@fws.gov)  
Wichita Mountains Visitor Center  
For General Information: (580) 429-2197  
For Tour Reservations: (580) 429-2151

Established in 1901, Wichita Mountains Wildlife Refuge is one of more than 556 refuges throughout the United States managed by the U.S. Fish and Wildlife Service. The 59,020 acre refuge hosts a rare piece of the past - a remnant mixed grass prairie, an island where the natural grasslands escaped destruction because the rocks underfoot defeated the plow.

The refuge provides habitat for large native grazing animals such as American bison, Rocky Mountain elk, and white-tailed deer. Texas longhorn cattle also share the refuge rangelands as a cultural and historical legacy species. More than 50 mammal, 240 bird, 64 reptile and amphibian, 36 fish, and 806 plant species thrive on this important refuge. Visitors to the refuge can enjoy wildlife watching, hunting, fishing, special events and much more.

A virtual classroom, Wichita Mountains Wildlife Refuge is a great place for students to learn about wildlife and environmental sciences. Most Youth programs are conducted from the Environmental Education Center at Quanah Parker Lake and include a wilderness adventure along with some classroom instruction. Students enjoy hands-on activities where they learn about wildlife and wildlife conservation.

There are many interpretive opportunities at the refuge. Stop in at the Visitor Center to see exhibits or a video about the Refuge and its wildlife, or attend an interpretive program to learn more from an expert.

Contact the refuge's Environmental Education Section with questions or for more detailed information.





