# Ohio Interagency Council on Environmental Education

## Member Directory
## August 2010

The Ohio Interagency Council for Environmental Education (OICEE) was established as part of *Ohio EE 2000*, the statewide strategic plan for environmental education. The OICEE is comprised of state and federal agencies in Ohio that have environmental or environmental education responsibilities. Members are appointed to serve on the council by their agency.

OICEE has four broad objectives:

- To improve communication among and between state and federal agencies by developing mechanisms to facilitate the exchange of information about environmental education-related issues, programs and services.
- To better coordinate and promote environmental education programming, more efficiently utilize and share agency resources, and limit duplication of efforts.
- To more efficiently respond to customer needs for environmental education-related information, programs, services, and technical expertise on best practices that will benefit them at home, in schools, in the workplace and in the community.
- To support implementation of agency environmental education-related missions, policies and programs, and define new opportunities for interagency collaboration.

In addition, OICEE facilitates information exchange between state and federal agencies and the team implementing *Ohio EE 2010,* the current state strategic plan. That plan and the OICEE directory are both hosted on the Environmental Education Council of Ohio Web site, www.eeco-online.org.

Single point of contact for the OICEE is Carolyn Watkins, Chief of the Office of Environmental Education at Ohio EPA, carolyn.watkins@epa.state.oh.us or (614) 644-3768. This directory of environmental education resources in the member agencies was reproduced with funding from the Ohio Environmental Education Fund.

## Table of Contents

## State Agencies

eTech Ohio Commission…….....3
Ohio Air Quality Development Authority……..……6
Ohio Arts Council…….……8
Ohio Board of Regents……10
Ohio Consumers Counsel……..……12
Ohio Department of Administrative Services……. ……15
Ohio Department of Agriculture……17
Ohio Department of Commerce, Bureau of Underground Storage Tank Regulation..19
Ohio Department of Development, Ohio Energy Office…….. 21
Ohio Department of Education…… 24
Ohio Department of Health…… 27
Ohio Department of Natural Resources…….. 32
Ohio Department of Rehabilitation and Correction……39
Ohio Department of Transportation…….……42
Ohio Environmental Protection Agency……...45
Ohio Historical Society…….....57
Ohio River Valley Sanitation Commission……. ….60
Ohio State University Extension……. ……..62
Ohio Water Development Authority …… .66
Public Utilities Commission of Ohio…… 69
State Library of Ohio…… ..73

## Federal Agencies

U.S. Department of Agriculture
Forest Service (USFS)……..……77
Natural Resources Conservation Service (NRCS) ……80

U.S. Department of Defense
U.S. Army Corps of Engineers (USACE)…….. ….84

U.S. Department of Homeland Security
U.S. Coast Guard……...90

U.S. Department of the Interior
National Park Service (NPS) …….....95
Office of Surface Mining, Reclamation and Enforcement (OSMRE) ..……..99
U.S. Fish and Wildlife Service (USFWS)…… 102
U.S. Geological Survey (USGS)……. 106

U.S. Environmental Protection Agency..... 110

**eTech Ohio**
**35 E. Chestnut Street, 8th Floor**
**Columbus OH 43215**
**Phone: (614) 485-6000**
**Toll free: (877) 383-2406**
**Fax: (614) 728-1899**
www.etech.ohio.gov

***Key Contact***

Amy Estep
Educational Technology Consultant
E-mail: amy.estep@etech.ohio.gov
Phone: (614) 485-6015
Fax: (614) 728-1899

***Overall Mission and Organization***

With the support of Governor Ted Strickland and the General Assembly, Ohio has reached world-class stature with regard to student access to technology, and is recognized nationally as an educational technology leader. As a state agency, eTech Ohio is dedicated to enhancing learning by developing programs and using best practices to serve learning organizations while acquiring, integrating and sustaining educational technology. Charged with empowering learning through technology, eTech Ohio:

- Supports a statewide telecommunications infrastructure that links classrooms and public broadcasting affiliates to each other and the internet;
- Provides funding, technical and telecommunications services to public broadcasters and the K-12 community;
- Offers face-to-face and online professional development and training to P-20 educators and professionals regarding integrating technology and learning;
- Administers funding for Educational Technology entities to support the development of multimedia educational materials; and
- Provides teacher training and the development of educational resources to foster skilled, consistent and effective integration of technology throughout the curriculum aligned to academic content standards.

It is our mission to provide the leadership and support that promotes access to and use of all forms of educational technology needed to advance the education and accelerate the learning of the citizens of Ohio.

***Public Information/Public Affairs Office***

The Communications Office disseminates public information regarding the Commission and its work. The Communications Officer distributes press releases, prepares reports and serves as the agency webmaster. Contact: Arlyne Alston, (614) 485-6030 or (877) 383-2406.

***Major Customers/Audiences***

- Ohio's K-12 public school community
- Public television stations
- Public radio stations
- Radio reading services
- Educational technology agencies
- Ohio colleges and universities
- State agencies

***Environmental Education*** *Resources* ***for K-12 and Higher Education Students and Teachers***

Grant programs have produced multimedia products that include "Water Connections."

*Ohio on iTunes U* is a statewide initiative of eTech Ohio and its partners. Environmental content such as "Testing Water Quality," "Bird Sounds," "90-Second Naturalist," "An Eagle's Journey," "Reef Monitor," "Weather Or Not," and "Field Notes" are available for free download at *Ohio on iTunes U* at no charge. eTech Ohio encourages potential content providers to participate in this free service.

***Environmental Education Resources for the General Public***

Programs like "Nova" and "Planet Earth" are housed at eTech Ohio and fed to public television stations. Programs like "Ohio Outdoor Notebook" are fed to public radio and radio reading services.

***Environmental Education Resources for the Regulated Community***

Programs like "Environmental Weekly" are fed to educational cable operators, colleges, and schools.

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

Other state/federal agencies are eligible to purchase videoconference bridging services from eTech Ohio, and have access to our provider listing for educational content and professional development.

### *Career Education Services (not environmental education related)*

√ One-on-one requests for information

### *Print/Non-print Materials*

www.etech.ohio.gov

### *Resource People Available for Assistance*

Contact the Communications Office for assistance.

**Ohio Air Quality Development Authority (OAQDA)**
**LeVeque Tower**
**50 West Broad Street, Suite 1718**
**Columbus, OH 43215-5985**
**Phone: (614) 466-6825**
**Fax: (614) 752-9188**
www.ohioairquality.org

***Key Contact***

Todd Nein
Email todd.nein@aqda.state.oh.us
Web www.ohioairquality.org

***Overall Mission and Organization***

The role of the OAQDA is to provide for the conservation of air as a natural resource of the state and to prevent or abate pollution of the air, to provide for the comfort, health, safety, and general welfare of all citizens of the state and to assist in the financing of air quality facilities for industry, commerce, and research. In addition, the Executive Director serves as Ohio's Small Business Ombudsman, facilitating communications between the small business community and the U.S. EPA. The OAQDA consists of seven members and is served by an Executive Director and staff. Of the seven members, five are public and appointed by the Governor with the advice and consent of the Senate and two serve in an ex-officio capacity, the Director of the Ohio Environmental Protection Agency and the Director of the Ohio Department of Health.

***Public Information/Public Affairs Office***

See above.

***Major Customers/Audiences***

Large and small businesses, trade associations, equipment vendors and the Legislature.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

Grant monies are available to Ohio colleges and universities conducting research on issues relative to air quality. Financing assistance for programs to improve air quality or promote energy efficiency, such as the Solar Schools Initiative, is also available through the OAQDA.

### *Environmental Education Resources for the General Public*

Financing assistance is available to large and small businesses for the purchase, construction, and or installation of air pollution control equipment and energy efficiency improvements. The principle benefit of the OAQDA Bond Program is the authority to grant certain tax exemptions including exemptions of the sales and use tax, corporate franchise tax, and the real and tangible personal property taxes.

### *Environmental Education Resources for the Regulated Community*

None

### *Environmental Education Resources for Other Agencies, Organizations, and Constituents*

None

### *Career Education Services*

None

### *Print/Non-print Materials*

Printed materials describing the benefits of the program are available from the OAQDA. Information on the Clean Air Act is also available as are other various reports, newsletters, and press releases on air quality projects financed through the OAQDA. Information about OAQDA is also available on its website: www.ohioairquality.org.

### *Resource People Available for Assistance*

None

Ohio Arts Council

**727 E. Main Street**
**Columbus, Ohio 43205**
**Phone: 614/466-2613**
**Fax: 614/466-4494**
**Web: www.oac.state.oh.us**

***Key Contact***

Jami Goldstein
Director, Public Information Office
E-mail: jami.goldstein@oac.state.oh.us
Phone: 614-728-4463
Please visit http://www.oac.state.oh.us/aboutOAC/staff.asp for a complete directory of OAC Staff.

***Overall Mission and Organization***

Mission Statement:*"The Ohio Arts Council is a state agency that funds and supports quality arts experiences to strengthen Ohio communities culturally, educationally and economically."*

Vision Statement: *"Providing leadership and voice for the arts to transform people and communities."*

***Public Information Office/Public Affairs***

The Ohio Arts Council's public information office manages internal and external communications for the agency including the Web site; all printed publications and marketing materials, serves as the liaison to media for the agency and plans the agency's special events.

***Major Customers/Audiences***

The Ohio Arts Council was created in 1965 to "foster and encourage the development of the arts and assist the preservation of Ohio's cultural heritage." This is accomplished by the Council in two primary methods; first, through the various grant funding programs that the Council operates to provide support to artists and to make arts activities available to a broad segment of Ohio's public; and secondly, by

providing services that help to enhance the growth of the arts. There are a total of 7 different grant programs and a variety of service programs operated by the Council.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

The best way to get information about these programs is to visit: http://www.oac.state.oh.us/grantsprogs/ArtsLearning.asp

***Environmental Education Resources for the General Public***

We have funded grants in the past that would fall into that category. Visit www.oac.state.oh.us for more information.

***Environmental Education Resources for the Regulated Community***

We have funded grants in the past that would fall into that category. Visit www.oac.state.oh.us for more information.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

None

***Career Education Services***

√ Shadowing
√ Career presentations to K-12 or higher education
√ Internships
√ One-on-one requests for information

***Print/Non-print Materials***

None

***Resource People Available for Assistance***

Please visit http://www.oac.state.oh.us/aboutOAC/staff.asp for a complete staff directory.

Ohio | Board of Regents

Ted Strickland, Governor
Eric D. Fingerhut, Chancellor

University System of Ohio

**Ohio Board of Regents**
**30 East Broad, Street 36th Floor**
**Columbus, Ohio 43215**
Phone: (614) 466-6000
http://www.uso.edu

***Key Contact***

(vacant)
Assistant Director, Communications & Sustainability Projects Coordinator
Phone: (614) 466-5812
E-mail:

***Overall mission and organization***

The Board of Regents is the coordinating agency for higher education in Ohio.

***Public Information Office/Public Affairs Office***

Michael Chaney
Phone: 614-752-9480
E-mail: mchaney@regents.state.oh.us

The communications department oversees all communications for the agency and the University System of Ohio.

***Major Customers/Audiences***

Government leaders, public opinion leaders, higher education partners, students, families, businesses.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

The University System of Ohio includes 14 universities with 24 regional branch campuses, 23 community colleges, and an adult workforce education and training network – operating in more than 200 locations – working in a collaborative, cooperative environment across the state. Links to the various institutions are posted at http://www.uso.edu/network/usoSchools/index.php Links to the Adult Workforce Training and Education Network are posted at http://www.uso.edu/network/workforce/listings.php

***Environmental Education Resources for the General Public***

Same as above.

***Environmental Education Resources for the Regulated Community***

Same as above.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

Same as above.

***Career Education Services***

√ Shadowing
√ Mentoring
√ Career presentations to K-12 or higher education
√ Scholarships
√ Internships
√ One-on-one requests for information

***Print/Non-print Environmental Education Materials***

None

***Resource People are Available for assistance***

None

**Office of the Ohio Consumers' Counsel**
**10 West Broad Street, Ste 1800**
**Phone: 614-466-9571**
**Fax: 614-466-9475**
**Web: www.pickocc.org**

***Key Contact***

Linda Walls Rominski, Community Outreach Manager
E-mail: romski@occ.state.oh.us
Phone: 614-466-9571
Fax: 614-466-9475

***Overall Mission and Organization***

The Office of the Ohio Consumers' Counsel represents the interests of 4.5 million residential utility households in proceedings before state and federal regulators and in the courts. The state agency also educates consumers about electric, natural gas, telephone and water issues and provides information about utility services.

***Public Information /Public Affairs Office***

The Communications Department is responsible for creating consumer awareness of the services provided by the Office of the Ohio Consumers' Counsel (OCC) through public and media relations, marketing, and education and outreach efforts.

By presenting educational speeches and materials to groups throughout the state, the OCC helps educate consumers about relevant utility issues. The department also maintains and updates the agency's website and designs and produces all fact sheets and publications.

Contact information:

Beth Gianforcaro
Director of Communications
Phone: (614) 466-9491
E-mail: PR@occ.state.oh.us

### *Major Customers/Audiences*

We represent residential customers of Ohio's publicly owned utilities.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

The OCC's outreach and education specialists travel throughout Ohio to give presentations to groups and organizations about utility issues including speeches on energy efficiency and renewable energy. We speak to a wide variety of audiences including student groups. The presentations focus on ways to save money through energy efficiency measures. Consumers learn about the benefits of Energy Star appliances, CFL light bulbs, programmable thermostats and other energy saving tips.

The presentation on renewable energy focuses on the concerns about limited supplies of fossil fuels and increased energy costs. The program addresses Ohio's potential for wind energy development, the possibility of solar and biomass energy and current advanced energy projects in Ohio.

### *Environmental Education Resources for the General Public*

The OCC speaks to many groups including senior groups, senior centers, low-income advocates, service clubs and organizations, colleges and universities and many others. OCC provides speeches on energy efficiency and renewable/advanced energy. We address the importance of energy efficiency and advanced energy as a means to preserve our environmental resources.

### *Environmental Education Resources for the Regulated Community*

See above.

### *Environmental Education resources for Other Agencies, Organizations and Constituents*

### *Career Education Services*

√ Career presentations to K-12 or higher education
√ One-on-one requests for information

### *Print/Non-print Materials*

The OCC provides a variety of free publications to assist consumers in making informed decisions including fact sheets and brochures on utility topics, energy efficiency, renewable energy and utility assistance programs.

### *Resource People Available for Assistance*

As part of our commitment to exceptional customer service, the OCC responds to consumer inquiries and requests for utility information. Customer service representatives are available Monday – Friday between the hours of 8 a.m. and 5p.m., and an automated informational voice service operates 24 hours a day. Consumers may call 1-877-PICKOCC (1-877-742-5622) for assistance.

**Ohio Department of Administrative Services (DAS)**
**General Services Division**
**Office of Risk Management**
**4200 Surface Road**
**Columbus, OH 43228**
**Phone: (614) 466-8858**
**Fax: (614) 752-8754**

***Key Contact***

Scott A. Roberts, CEI, Risk Administrator
E-mail: scott.roberts@das.state.oh.us
Phone: (614) 466-8858
Fax: (614) 752-8754

***Overall Mission and Organization***

The mission of DAS is to provide our customer agencies with comprehensive risk management solutions that exceed expectations and protects the assets of the State of Ohio.

***Public Information/Public Affairs Office***

The **Office of Communications** handles media contact and interaction. Contact: Gretchen Hull, Chief of Communications, (614) 752-9521

***Major Customers/Audiences***

State agencies

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

None

***Environmental Education Resources for the General Public***

None

***Environmental Education Resources for the Regulated Community***

Environmental risk management solutions.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

Environmental risk management solutions.

***Career Education Services***

None

***Print/Non-print Materials***

None

***Resource People Available for Assistance***

On-site visits for safety and loss control services.

**Ohio Department of Agriculture (ODA)**
**8995 East Main Street**
**Reynoldsburg, OH 43068**
**Phone: (614) 728-6392**
**Fax: (614) 728-4235**
**Web: www.agri.ohio.gov/**

***Key Contact***

Melissa Brewer
Division of Plant Industry
Phone 614/728-6404
Fax 614/466-9754
Email: mbrewer@agri.ohio.gov

***Overall Mission and Organization***

The mission of ODA is to provide regulatory protection to producers, agribusinesses and the consuming public; to promote Ohio agricultural products in domestic and international markets; and to educate the citizens of Ohio about our agricultural industry.

***Public Information/Public Affairs Office***

The Division of Communications provides communication support to the divisions of ODA. Contact Cindy Kallis, Communications Director, (614) 752-9817

***Major Customers/Audiences***

Ohio consumers and agricultural producers

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

Adopt-a-School, OhioReads Program. Also have a close working relationship with OSU Extension.

***Environmental Education Resources for the General Public***

Each ODA Division will provide personal assistance as requested and publishes informational brochures pertaining to their program.

***Environmental Education Resources for the Regulated Community***

Recertification schools for Pesticide Applicators, Pesticide Container Recycling Program and Pesticide Disposal Program.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

Pesticide Container Recycling Program and Pesticide Disposal Program.

***Career Education Services***

√ Shadowing
√ Career presentations to K-12 or higher education
√ Internships
√ One-on-one requests for information

***Print/Non-print Materials***

ODA has a website with consumer information available. Each Division has printed information available on their programs.

***Resource People Available for Assistance***

ODA program personnel

**Ohio Department of Commerce (ODOC)**
**Bureau of Underground Storage Tank Regulations (BUSTR)**
**6606 Tussing Road**
**Columbus, OH 43068**
**Phone: (614) 752-7938**
**Fax: (614) 792-7942**
www.com.ohio.gov/fire/bustMain.aspx

***Key Contact***

George Horváth
Chief
Bureau of Underground Storage Tank Regulations
Division of State Fire Marshal
8895 East Main Street, P.O. Box 687
Reynoldsburg, OH 43068-9009
Phone (614) 752-7938
E-mail: George.Horvath@com.state.oh.us

***Overall Mission and Organization***

The mission of ODOC is "to fulfill our legal obligations to safeguard the public, while striving to regulate commerce in a reasonable, fair, and efficient manner." The mission of BUSTR is to effectively regulate the safe operation of underground storage tanks and ensure appropriate investigation and cleanup of releases from underground storage tanks for the purpose of protecting humans.

***Public Information/Public Affairs Office***

None

***Major Customers/Audiences***

UST owners, installers, local fire departments, environmental consultants

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

None

***Environmental Education Resources for the General Public***

Share information about contaminated sites with the public; speaking engagements; fact sheets, and other information are available on the BUSTR website.

***Environmental Education Resources for the Regulated Community***

Information on how risk based corrective action works.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

None

***Career Education Services***

Shadowing
Mentoring
Career presentations to K-12 or higher education
√ Internships
One-on-one requests for information
Other

***Print/Non-print Materials***

Numerous forms, fact sheets, guidance documents available on the web site

***Resource People Available for Assistance***

BUSTR staff is available for assistance (614) 752-7938.

**Ohio Department of Development (ODOD)**
**Ohio Energy Office (OEO)**
**77 S. High Street**
**Columbus, Ohio 43215-6108**
Phone: (614) 466-6797 or 1-866-SAV-NRGY (728-6749)
Fax: (614) 466-1864
www.Ohioenergyoffice.ohio.gov

***Key Contact***

Howard Tibbs
E-mail: htibbs@odod.state.oh.us
Phone: (614) 644-1815
Fax: (614) 466-1864 or toll-free at 1-866-SAV-NRGY (728-6749)

***Overall Mission and Organization***

The Ohio Energy Office works to grow the economy of the state by connecting companies and communities to financial and technical resources to deploy renewable energy technologies and energy efficiency.

***Public Information/Public Affairs Office***

Contact regarding our programs and services, with the exception of the media, is handled within the OEO. General inquiries can be directed to the toll free number listed above. Media inquiries should be directed to ODOD's Office of Communications at (614) 466-2609.

***Major Customers/Audiences***

We work with business, industry, education organizations, non-profits, government agencies, residential customers and any other person or entity in the state that uses energy.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

- We fund the **Ohio Energy Project**, which provides curricula and programs about energy sources and their efficient use for K-12 students. OEP also conducts an annual **Energy Efficiency Bookmark Contest** for 4th - 12th grade students (www.ohioenergy.org).
- We provide information on energy efficiency and renewable energy to any citizen or organization, including students and schools, who request it.

***Environmental Education Resources for the General Public***

We provide information on energy efficiency and renewable energy to any citizen or organization that requests it.

***Environmental Education Resources for the Regulated Community***

Our services are available to all citizens. The training programs are perhaps most relevant here.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

- We have funded training on energy codes, energy efficient design and construction, and best building practices for members of the building trades and professions (e.g., builders, architects, engineers, code officials).
- We coordinate activities with a number of state agencies that are involved in energy and environmental issues including the EPA, DNR, DAS, PUCO, OCC, and School Facilities Commission.

***Career Education Services***

√ One-on-one requests for information
√ Other: Training programs for building professionals, offered through grantees

***Print/Non-print Materials***

We have pamphlets and fact sheets on energy efficiency, renewable energy, etc., produced by our office or by the US Department of Energy.

***Resource People Available for Assistance***

On our staff we have experts on commercial, industrial and residential energy efficiency. Through our network of grantees and partners, we can find answers to

any question regarding energy efficiency. Information requests should be submitted via e-mail at http://development.ohio.gov/contactus/ or directed to 1-866-SAV-NRGY (728-6749).

Ohio | Department of Education

***Office of Curriculum & Instruction***
***Mail Stop 509***
***25 S. Front Street***
***Columbus, OH 43215***
***Phone: (614) 466-1317***
***Fax: (614) 387-0421***
***Web:*** *www.ode.state.oh.us*

***Key Contacts***

Kimberly Mullen
Assistant Director, Science
Address: same
E-mail: Kimberly.Mullen@ode.state.oh.us
Phone: 614-387-2275
Fax: (614) 387-0421

Dick Dieffenderfer
Technology and Environmental Education
Address: same
E-mail: dick.dieffenderfer@ode.state.oh.us
Phone: (614) 644-7356
Fax: (614) 387-0421

***Overall Mission and Organization***

The mission of ODE is to ensure all students reach high levels of academic achievement, a primary key to their success as individuals, workers and citizens. Key objectives include:
Raise Expectations: Set clear and high expectations for what all students should know and be able to do.

Make sure educators have the skill, knowledge, and resources to help students to achieve higher expectations.

Improve Results: Measure, publicize, and reward results and hold all educators and students responsible for them.

Department activities and services include: developing education standards and monitoring schools for standards compliance; developing and distributing curriculum models; granting school charters and evaluating school performance; distributing state and federal funds for a wide variety of educational programs; granting teacher licenses and managing programs to evaluate teacher performance; as well as other services and activities.

The Department of Education does not directly administer or promote a specific environmental education program, but it does support EE programs managed by other organizations and agencies.

The Regional Professional Development Centers (RPDCs) help to advance the State Board of Education's mission that all students can learn by creating a high performance system of education. The centers are organized to provide long-term, ongoing, meaningful professional development for all educators and school support personnel. Environmental education organizations and agencies often work with the RPDCs to provide EE professional development at the local level.

***Public Information/Public Affairs Office***

Contact Information: Patricia Grey, Director, Communications - Mail Stop 705, Ohio Department of Education, 25 S. Front Street, Columbus, OH 43215; (614) 728-2765 Patricia.Grey@ode.state.oh.us

***Major Customers/Audiences***

Early childhood education, elementary and secondary schools, career-technical and adult education, higher education

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

Encourage schools to involve students in learning experiences and projects that are meaningful and relevant to their communities and these projects often center around environmental issues and concerns. The department benefited from membership in the State Education and Environment Roundtable (SEER), an organization dedicated to encouraging schools to use the environment as an integrating context for learning (i.e., interdisciplinary approach). Department staff promotes educational programs that support application of the EIC program model in providing experiences for students that use the Environment as an Integrating Context for Learning.

***Environmental Education Resources for the General Public***

None

***Environmental Education Resources for the Regulated Community***

None

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

ODE collaborates with Ohio Department of Natural Resource, Ohio Environmental Protection Agency, Environmental Education Council of Ohio, and other EE organizations and agencies to ensure that environmental education is "good" education.

***Career Education Services***

√ Shadowing
√ Career presentations to K-12 or higher education
√ Internships
√ One-on-one requests for information

***Print/Non-print Materials***

Karen Paschal, Document Management Services
Mail Stop B02
Ohio Department of Education
25 S. Front Street
Columbus, Ohio, 43215
Phone: (614) 644-6130
Fax: (614) 752-3956
Email: Karen.Paschal@ode.state.oh.us

***Resource People Available for Assistance***

Curriculum specialist in each subject area

**Ohio Department of Health (ODH)**
**Health Assessment Section**
**246 North High Street, PO Box 118**
**Columbus OH 43216-0118**
**Phone: (614) 644-6447**
**Fax: (614) 644-7740**
Web: http://www.odh.ohio.gov/

***Key Contact***

Dr. Robert Frey, Acting Chief
Health Assessment Section
E-mail: bob.frey@odh.ohio.gov
Phone: (614) 644-6447
Fax: (614) 644-7740

***Overall Mission and Organization***

The mission of ODH is "to protect and improve the health of all Ohioans." ODH has three divisions: Prevention, Quality Assurance, and Family and Community Health Services. Please refer to the ODH web site for more information on each of these.

***Public Information/Public Affairs Office***

The **Office of Public Affairs** provides health information to the public, handles media relations, and interfaces with the governor's office. It produces *PH 1*, a monthly public health program shown on cable TV. The office also produces written, audio and visual materials used by agency staff in public health awareness and education efforts.

**Contact Information**, **Mari-jean Siehl**, **(614) 644-8562**

### *Major Customers/Audiences*

All Ohio residents, county health departments, Ohio EPA, other state agencies, and federal agencies, such as CDC, U.S. EPA, ATSDR, and NIOSH.

### *Environmental Education Programs for K-12 and Higher Education Students and Teachers*

- Health Assessment Section (HAS) produces a variety of **fact sheets**, including *Mercury Spill Fact Sheet for Schools*, as well as fact sheets designed to educate residents concerned about hazardous waste sites and chemicals.
- Indoor Environment Section presents **seminars** for school personnel about indoor air quality using the U.S. EPA Tools for Schools Action Kit. IES also has developed a curriculum involving educational activities in the public schools and other organizations to increase awareness about indoor air quality problems.

### *Environmental Education Resources for the General Public*

- The **Lead Program** provides High Efficiency Particulate Air (HEPA) vacuums for loan to the general public; dispenses information and educational pamphlets about lead poisoning and its prevention upon request; and conducts training sessions for lead professionals, training providers, landlords, tenants, remodelers, licensed personnel, medical personnel, and the general public.
- HAS **answers questions** from the general public regarding hazardous chemicals in their homes (e.g., mercury recycling as in disposing of thermometers or cleaning up small spills) and researches chemical information for the public when requested.
- Indoor Environment Section **answers questions** related to indoor air quality, including mold and both HAS and IES work with flood hotlines for the public when needed.

The general public benefits from the services noted above in monitoring bathing beaches, water supply, and asbestos removal.

### *Environmental Education Resources for the Regulated Community*

Several ODH programs provide environmental education/environment-related services to regulated entities. Examples include:

- The **Lead Poisoning Prevention Program** is authorized by U.S. EPA to administer and enforce the lead licensure and approval program in Ohio. This involves licensing lead risk assessors, lead abatement contractors, lead abatement works, lead inspectors and abatement project designers; it approves

courses and refresher courses; and approves abatement systems and products, clinical laboratories and environmental lead analytical laboratories.

- The **Asbestos Program** licenses and certifies companies and persons directly involved with the asbestos abatement industry. The program regulates contractors performing asbestos removal projects, project supervisors, project designers, workers removing asbestos, persons inspecting buildings for asbestos containing materials and developing plans to manage asbestos found in a facility, persons conducting air sampling for asbestos and the companies that provide required asbestos training.

- The **Radon Licensing Program** licenses and certifies providers of radon-related services (approximately 1,600 people in a sample year) and provides information.

Private water systems are regulated by the Ohio Department of Health. Private Water Systems are potable water wells, ponds, springs, cisterns and hauled water storage tanks that provide drinking water to fewer than 25 people, less than sixty days out of the year, and have less than 15 service connections. These would include single water supplies that serve homes, small businesses, small churches, small mobile home parks or communities with fewer than 25 residents.

- The Environmental Engineering Section **reviews plans and inspects construction** for all new or substantially altered public swimming pools, spas, manufactured home parks, RV parks and campgrounds, marinas and agricultural labor camps throughout Ohio. The section also **issues flood plain permits** for manufactured home parks that are in a flood plain and provides information and consultation for all of these programs.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

Health Assessment Section evaluates data and provides other agencies, such as Ohio EPA and U.S. EPA with information regarding safe levels of chemicals, potential human exposure, and cleanup levels. HAS evaluates data from ODNR and creates the Ohio Sport Fish Consumption Advisory.

- The **Ohio Childhood Lead Poisoning Prevention Program (OCLPPP)** provides educational outreach and in-services to various healthcare professionals, environmental agencies, and other organizations and disciplines. If you would like to know more about educational outreach and in-services for your community, please email them at bcfhs@gw.odh.state.oh.us

- The **Pediatric Lead Assessment Network (PLANET)**, under OCLPPP, is a peer-to-peer educational program which brings healthcare professionals some of the most current information available in the field of Childhood Lead Poisoning.

PLANET's goal is to provide up-to-date information about Childhood Lead Poisoning and to emphasize the importance of lead screening and patient caregiver education. In a one-hour, lead specific curriculum, PLANET will update healthcare professionals about Ohio's Childhood Lead Poisoning screening recommendations, medical case management, and risk factors. The PLANET program is designed for presentation for healthcare professionals in their offices or other healthcare settings. Contact the PLANET Coordinator by calling the Help Me Grow Hotline, 1-800-755- 4769 (GROW), or email at bcfhs@gw.odh.state.oh.us.

- The **Bathing Beach Monitoring Program** is a cooperative effort of the Ohio Department of Health, the Department of Natural Resources, local health departments with public beaches within their jurisdictions, and private and public organizations along the Lake Erie border and throughout Ohio. The program samples and analyzes water from selected bathing beaches along the Lake Erie shoreline; analyzes water from various bathing beaches under the control of the Department of Natural Resources throughout Ohio to determine water quality and to monitor changes in the various state park watersheds.

- The Environmental Engineering Program assists local health departments, cities, owners, engineers, architects, and contractors, **reviewing plans and inspecting construction**.

- The **Asbestos Program** works cooperatively with other state agencies, such as Ohio EPA to ensure safety guidelines are met and information is available.

***Career Education Services***

Shadowing
Mentoring
Career presentations to K-12 or higher education
Scholarships
Internships
√ One-on-one requests for information
Other

***Print/Non-print Materials***

***Print***

- HAS: **Fact sheets** and brochures about mercury spills and hazardous chemicals

- Indoor Environment: **Fact sheets** concerning exposure to lead and indoor air; Ohio Sport Fish Consumption Advisory

- **Asbestos**: Asbestos Hazard Abatement Rules; Application for Certification; Application for Asbestos Contractor Licensure

- Childhood **Lead** brochures: My Book about Lead and Eating Healthy (Red Coloring and Activity book for children); Lead and Pregnancy - Protecting yourself and your baby; Children's Lead Levels - A guide for parents; Lead can Harm Children - Keep your child safe; Childhood Lead Poisoning Prevention and Lead Regional Resource Center Maps; Brochures about Pediatric Lead Assessment NETwork (PLANET) program for Physicians

***Non-Print***

Additional information and links to brochures are available on the individual programs' web pages on the Ohio Department of Health web site.

***Resource People Available for Assistance***

Various.

**Ohio Department of Natural Resources (ODNR)**
**2045 Morse Road, B-3**
**Columbus OH 43229-6693**
**Phone: (614) 265-6565**
**Fax: (614) 268-1943**
www.dnr.state.oh.us

***Key Contact***

Jeanne Russell, Education Coordinator
2045 Morse Road, B-3
Columbus OH 43229-6693
Division of Soil and Water Resources
E-mail: jeanne.russell@dnr.state.oh.us
Phone: (614) 265-6682
Fax: (614) 262-2064

***Overall Mission and Organization***

The mission of ODNR is "to ensure a balance between the wise use and protection of our natural resources for the benefit of all." The agency owns or manages more than 590,000 acres of land throughout the state and has jurisdiction over 100,000 acres of inland waters, as well as Ohio's portions of Lake Erie and the Ohio River. In addition to managing these resources for conservation, recreation, and education, ODNR regulates oil, gas and mineral industries in Ohio, manages the state's water resources, coordinates activities of county soil and water conservation districts, and supports local recycling and litter prevention programs. ODNR carries out its responsibilities through the work of 11 divisions:

- Division of Forestry manages 20 state forests and provides forest management assistance to private woodland owners in Ohio. It provides assistance to local officials through urban forestry programs and works to prevent the destruction of forest lands by fires, insects and disease.
  http://www.dnr.state.oh.us/tabid/4803/Default.aspx
  (614) 265-6694

- **Division of Geological Survey** defines the geologic framework of the state for resource development, property protection, public safety, and environmental security. It conducts geologic mapping, subsurface investigations, remote sensing, and geophysical surveys to produce maps and reports on geologic formations, mineral resources, fossil fuels, coastal processes, and geologic hazards. http://www.dnr.state.oh.us/tabid/7105/Default.aspx (614) 265-6576

- **Division of Mineral Resources Management** regulates oil and gas production, surface and underground mining of coal and industrial minerals, and reclamation activities. It plugs abandoned oil and gas wells and restores abandoned mine lands, enforces mining safety laws, ensures protection of freshwater resources, and maintains a database of oil and gas well owners. http://ohiodnr.com/mineral/default/tabid/10352/Default.aspx (614) 265-6633

- **Division of Natural Areas & Preserves** owns or manages 123 natural areas and 20 scenic rivers. It is responsible for the acquisition, management, and protection of pristine areas preserving Ohio's natural landscape, vegetation, geology, and habitat for rare and endangered species. The division administers the Natural Heritage Database, Ohio National Estuarine Research Reserve, and the Cave Protection Program. http://www.dnr.state.oh.us/tabid/867/Default.aspx (614) 265-6453

- **Division of Parks & Recreation** operates Ohio's 73 state parks which offer a variety of facilities including resort lodges, cabins, beaches, golf courses, campgrounds and hiking trails. Popular camping options include cedar cabins, Rent-A-RV, Rent-A-Yurt, and Rent-A-Tepee. Many parks include a naturalist and the Volunteers-in-Parks program. http://www.dnr.state.oh.us/tabid/80/Default.aspx (614) 265-6561

- **Division of Real Estate & Land Management** coordinates the state's trails network, provides resource analysis mapping, and administers the federal Land and Water Conservation Fund, the state NatureWorks grant program, and the state Appalachian Parks grant program. It also participates in the department's master planning and capital improvements, serves as agent in buying, selling, and trading ODNR real estate; and coordinates the Lake Erie Coastal Management program. http://ohiodnr.com/tabid/9411/Default.aspx (614) 265-6395

- **Division of Recycling & Litter Prevention** implements statewide waste reduction, recycling, recycling market development, and litter prevention programs. It encourages Ohioans to reduce waste, recycle materials, and buy recycled-content products and administers the Recycle, Ohio! grant program. http://www.dnr.state.oh.us/tabid/9394/Default.aspx (614) 265-6333

- **Division of Soil & Water Resources** reflects a merger between the former Divisions of Water and Soil and Water Conservation. It provides technical, educational and financial assistance to Ohio's 88 county soil and water conservation districts (SWCDs) to improve land and water resources. It works with federal, state, and local agencies on programs in soil inventory and evaluation, non-point source pollution control, environmental education, storm water management, and erosion control. In addition, it collects hydrologic data; develops ground water resource, pollution potential, and other hydrogeologic maps; issues permits for the construction of dams, dikes, and levees; inspects existing dams; operates the state canal systems; administers the state floodplain management program; and conducts water supply studies. http://www.dnr.state.oh.us/tabid/8637/Default.aspx (614) 265-6610

- **Division of Watercraft** administers and enforces all laws regarding identification, numbering, titling, use and operation of recreational boats on Ohio's waters; conducts watercraft safety education programs and develops boating facilities on major water areas of the state. It awards grants to expand education and enforcement efforts and for boat access facilities. http://www.dnr.state.oh.us/tabid/2062/Default.aspx (614) 265-6480

- **Division of Wildlife** promotes hunting and fishing opportunities for Ohioans and manages more than 85 wildlife areas. It protects and improves wildlife resources, including fish, game and non-game species through law enforcement, education and information, research programs, improvement of habitat and establishment of native species. http://www.dnr.state.oh.us/tabid/4414/Default.aspx (614) 265-6300

***Public Information***

- **Geological Records Center** provides Geofacts and leaflets covering a wide variety of subjects; page-sized maps showing different aspects of the state's

geology and geography (e.g., bedrock formations, glacial deposits, oil and gas fields, pipe-lines, topography); sets of 10 Ohio rock and mineral samples for classroom use; and leaflets, posters, brochures, books, and videos. Contact Division of Geological Survey, http://www.dnr.state.oh.us/tabid/7105/Default.aspx (614) 265-6576.

***Major Customers/Audiences***

Formal and nonformal educators, preK-12 and higher education learners, EE and environmental organizations, general public, government agencies, each division's constituents

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

a. Educational Programs for Teachers, Schools, and Youth Leaders

- **Interpretive Programs**: Preserve managers and scenic river coordinators from the Division of Natural Areas and Preserves provide teacher education and youth programs related to natural diversity, aquatic ecology and other natural heritage related subjects. The Division of Parks and Recreation offers full-time naturalist programs at approximately 6 parks and seasonal summer programs at approximately 40 parks.

- **Nonpoint Source Water Pollution Education:** Workshops, program development, and resource materials for water quality issues aimed at concerned citizens and educators. Contact Division of Soil & Water Conservation, Jeanne Russell, (614) 265-6682. jeanne.russell@dnr.state.oh.us

- **Ohio Water Education Program (OWEP) Volunteer Network:** Provides education and technical assistance on water resources, uses, and conservation through a network of water resource professional volunteers who answer questions and provide assistance to students and educators. Contact Division of Water, Lenn Black, (614) 265-6758. Leonard.black@dnr.state.oh.us

- **Project Learning Tree (PLT):** Environmental Education Teacher Workshops, grades preK-12. Uses the forest as a window into the natural world to help students gain an awareness and knowledge of the world around them, as well as their place in it. Contact Division of Forestry, Sue Wintering, (614) 265-6657. sue.wintering@dnr.state.oh.us

- **Project WET (Water Education for Teachers):** National program, sponsored by OWEP, featuring "Curriculum and Activity Guide" to train formal and non-formal educators how to teach students K-12

about water. Two-day facilitators workshop or six-hour educator workshop. Contact Division of Water, Lenn Black, (614) 265-6758. Leonard.black@dnr.state.oh.us

- **Project Wild:** Interdisciplinary, supplementary environmental and conservation education for educators in grades K-12. Development of problem-solving and decision-making skills in deter-mining responsible human activities towards wildlife and the environment. Contact Division of Wildlife, (614) 265-6316. jen.dennison@dnr.state.oh.us

- **Wild School Sites:** Resources, consultants, and workshops for teachers seeking to utilize school site as an outdoor classroom. Contact Division of Wildlife, (614) 265-6316. jen.dennison@dnr.state.oh.us

b. Educational Programs for Young Learners

**Ohio Envirothon:** Competitive outdoor team events testing students in grades 9-12 in knowledge of soils, forestry, wildlife, aquatic ecology, and current environmental issues. Five area contests held each spring, with winners advancing to state and national Envirothons. See Web page at http://www.dnr.state.oh.us/tabid/8652/Default.aspx or contact Division of Soil & Water Resources, (614) 265-6682. jeanne.russell@dnr.state.oh.us

***Environmental Education Resources for the General Public***

Programs For Youth And Adults
Many educational and interpretive programs are offered at Ohio state parks and natural areas. Consult the ODNR web page for facilities and programs available in your area. In addition, several divisions offer educational programs and skill development courses as described below:

- **Becoming an Outdoors Woman:** Workshops for women over 18 years of age focus on learning outdoor skills. Contact Division of Wildlife, (614) 265-6316. jen.dennison@dnr.state.oh.us

- **Dam Safety Awareness Workshops:** Assistance is available for owners of dams and professionals working in the field of dam safety. This includes preparation of emergency action plans, operation and maintenance, legal liability and responsibility, watershed hydrology, and spillway hydraulics. Contact Division of Water, (614) 265-6731 leonard.black@dnr.state.oh.us

- **Hooked on Fishing: Not on Drugs:** Alternative recreation opportunities. Workshops, curriculum materials, resources, and fishing equipment provided to participating schools.

Contact Division of Wildlife, (614) 265-6310. marc.sommer@dnr.state.oh.us

- **Hunter Education:** Hunter education program for all first-time hunting license buyers. Offered free of charge year round. Contact Division of Wildlife, Outdoor Skills Section, 1-800-WILDLIFE.

- **Interpretive Programs**: Preserve managers and scenic river coordinators from the Division of Natural Areas and Preserves provide programs related to natural diversity, aquatic ecology and other natural heritage related subjects. The Division of Parks and Recreation offers full-time naturalist programs at approximately 6 parks and seasonal summer programs at approximately 40 parks.

  - **Mine Subsidence Educational Outreach:** Addressing the hazards of constructing residential housing above underground abandoned mines in a 37 county area. Contact Division of Mineral Resources Management, John Husted, (614) 265-7072.

  - **Ohio Boating Education Course:** Standardized eight-hour education course; goals include reduction of boating accidents and violations, promotion of boating risk management, and enhancing quality of boating through wise use of Ohio's aquatic resources. Meets the mandatory boating education law requirement. Contact Division of Watercraft, (614) 265-6480.

  - **Ohio Boating Law Public Education:** Education conducted in partnership with the U.S. Coast Guard Auxiliary and the U.S. Power Squadron, outlining the distinct responsibilities for each agency to create a safer boating experience for Ohioans. Meets the mandatory boating education law requirement. Contact Division of Watercraft, (614) 265-6504.

### *Environmental Education Resources for the Regulated Community*

Several divisions provide training:

- **Mine Safety Training** is conducted for miners, quarry miners and their supervisors to raise awareness of safety issues and how to decrease accidents. Mineral Resources Management, (614) 265-6633.

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

Many divisions assist other ODNR divisions, agencies and organizations in providing educational opportunities as well as sponsor their own programs:

- **Wildland Fire Training** is offered to over 350 rural volunteer fire departments in wildfire suppression. Contact Division of Forestry, (614) 265-6711. Mineral

Resources Management collaborates in providing emergency response training for firefighters related to oil fires and gas blowouts.

- The Division of Soil and Water Resources provides training in **natural stream channel design** for mining and transportation industries, state agencies, county engineers and consulting firms. It collaborates with county soil and water conservation districts to conduct **workshops on best management practices** (BMPs) for storm water runoff for local officials and contractors. The division collaborates with others to provide **training for local watershed coordinators,** (614) 265-6685.

  **Flood Loss Reduction Workshops** promote the importance of local responsibilities for strong local floodplain management through the National Flood Insurance Program (NFIP). Participants include floodplain administrators, local politicians, consultants, lenders, realtors, and citizens. Conducted by the Floodplain Management Program for NFIP per annual federal-state cooperative agreement. Contact Division of Soil and Water Resources, (614) 265-6752

***Career Education Services*** (varies by division)

√ Shadowing
√ Mentoring
√ Career presentations to K-12 or higher education
√ Internships
√ One-on-one requests for information

***Print/Non-print Materials***

The department produces and distributes a wide variety of resources. See "Public Information" above. In addition, many divisions have technical and other reports specific to their resource topics and issues.

***Resource People Available for Assistance***

Each division, in addition to the resource people indicated above, have staff available to answer questions and provide assistance to the public. The Divisions of

Forestry, Mineral Resources Management, Natural Areas and Preserves, Recycling and Litter Prevention, Watercraft and Wildlife have district or field offices (see website or call 614-265-6565 for more information).

**Ohio Department of Rehabilitation and Correction (ODRC)**
**770 West Broad Street**
**Columbus, OH 43222**
**Phone: (614) 752-1159**
**Fax: (614) 752-1171**
**http://www.drc.ohio.gov/**

***Key Contact***

Nicolas Moussi
Project Coordinator
Construction Activation & Maintenance
770 W. Broad St.
Columbus, OH 43222
Phone 614/752-1056
Fax 614/752-1059
Email Nicolas.Moussi@odrc.state.oh.us
Web www.drc.ohio.gov

***Overall Mission and Organization***

The Ohio Department of Rehabilitation and Correction protects and supports Ohioans by ensuring that adult felony offenders are effectively supervised in environments that are safe, humane and appropriately secure. In partnership with communities, we will promote citizen safety and victim reparation. Through rehabilitative and restorative programming, we seek to instill in offenders an improved sense of responsibility and the capacity to become law-abiding members of society.

***Public Information/Public Affairs Office***

The **Bureau of Public Information** keeps the public informed of DRC's latest developments and briefs the media on critical incidents and responds to day-to-day media inquiries. Contact**:** Communication Chief Andrea Carson, (614) 752-1150, DRC.publicinfo@odrc.state.oh.us

***Major Customers/Audiences***

Communities and schools throughout the state of Ohio

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

Vocational courses offered to the inmates in turf management and horticulture. Higher education courses offered in horticulture and landscaping/tree care.

***Environmental Education Resources for the General Public***

Clean water and wastewater treatment plants for select institutions and adjacent communities.

***Environmental Education Resources for the Regulated Community***

None

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

Storm and flood clean up assistance for communities, litter and trash clean up for towns, villages, and the Ohio Department of Transportation.

***Career Education Services***

Shadowing
Mentoring
Career presentations to K-12 or higher education
Internships
One-on-one requests for information
√ Other – vocational school and higher education opportunities

***Print/Non-print Materials***

None

***Resource People Available for Assistance***

NOTE: Only minimum-security inmates work outside the prisons. There have been 14 million hours of volunteer community service by staff and inmates since 1991. Fiscal year 2000 had 4.2 million hours of volunteer community service. The DRC Office of Policy houses the Bureau of Community Service. Community service initiatives linked to the environment are park and playground restoration, litter pickup in towns and villages, highway litter pickup for ODOT, storm and flood clean-up, community recycling

programs, animal rescue, and pilot dog training. These are some of the community service projects that inmate volunteers participate in, and they are not all inclusive of the community services and projects provided by DRC.

**Ohio Department of Transportation (ODOT)**
**1980 West Broad Street**
**Columbus, Ohio 43223**
**Phone: (614) 466-7170**
**Fax: (614) 466-8662**
**http://www.dot.state.oh.us**

***Key Contact***

Timothy M. Hill, Administrator
Office of Environmental Services
E-mail: Tim.Hill@dot.state.oh.us
Phone: (614) 644-0377
Fax: (614) 728-7368

***Overall Mission and Organization***

Our mission is to seamlessly link Ohio's highways, railways, transit, aviation and port facilities. ODOT will promote a world-class, integrated multi-modal transportation system that is efficient, cost effective and reliable for all the state's citizens, business and travelers. Our customers include the general public, business, the transportation industry, other governmental entities and political advocacy groups. We will be open and responsive to our customers' needs. We will interact with all local and federal governmental entities to coordinate the funding of maintenance and new construction, and provide technical administrative assistance. We are dedicated to providing positive leadership that treats all ODOT personnel with honesty and respect. We strive to create a work environment that fosters personal, professional and organizational growth.

***Public Information/Public Affairs Office***

The **Office of Communications** coordinates activities to ensure departmental customers are informed about ODOT's progress and future direction.

Contact: Scott Varner, (614) 466-7170

***Major Customers/Audiences***

The public and travelers on Ohio's highway system, federal/state/local agencies, government, consultants and other engineering/technical professionals

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

We provide educational presentations to schools (K-12) and higher education in areas specific to ecological (e.g., water testing, sampling) and cultural resources requirements and/or procedures.

***Environmental Education Resources for the General Public***

General education on ODOT's programs and requirements.

***Environmental Education Resources for the Regulated Community***

We provide specific environmental training to technical professionals on how to complete requirements set by state and federal agencies for transportation projects. Also we can provide general education on the National Environmental Policy Act of 1969 and general environmental requirements for transportation projects.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

None, other than general education on the National Environmental Policy Act of 1969 and general environmental requirements for transportation projects.

***Career Education Services***

Shadowing
Mentoring
√ Career presentations to K-12 or higher education
Scholarships
√ Internships
One-on-one requests for information
Other

***Print/Non-print Materials***

ODOT has handbooks on all major environmental areas. Guidance is available for: Ecological, Environmental Site Assessment, NEPA documentation (CE, EA/EIS), Public Involvement, Section 4(f), and Cultural Resources.

### *Resource People Available for Assistance*

ODOT has experts in all environmental fields including, for example, cultural resources, water quality, air/noise pollution, planning, hazardous materials, and community impacts.

**Ohio Environmental Protection Agency (Ohio EPA)**
**P.O. Box 1049**
**Columbus, OH 43216-1049**
**Deliveries and Visitors: 50 W. Town Street, Suite 700**
**Columbus, OH 43215**
Phone: (614) 644-3020
Fax: (614) 644-2329
www.epa.ohio.gov/

***Key Contact***

Carolyn Watkins, Chief
Office of Environmental Education
E-mail: oeef@epa.state.oh.us
Web: www.epa.ohio.gov/oee
Phone: (614) 644-2873
Fax: (614) 728-1275

***Overall Mission and Organization***

Ohio EPA's mission is to protect the environment and public health by ensuring compliance with environmental laws and demonstrating leadership in environmental stewardship. The agency has authority to implement laws and regulations regarding air and water quality standards; solid, hazardous and infectious waste disposal standards; water quality planning, supervision of sewage treatment and public drinking water supplies; and cleanup of unregulated hazardous waste sites.

Ohio EPA cooperates with government and private agencies, manages some federally funded pollution control projects, obtains technical and laboratory services, establishes advisory boards, investigates environmental problems, and disseminates information on environmental programs. The director also authorizes enforcement actions against violators of pollution laws and regulations. Ohio EPA's central office is located in Columbus and has seven divisions/offices described below. For additional information, access the division's website or call the number provided.

- **Division of Air Pollution Control** (DAPC) is responsible for meeting the state and federal air quality standards. DAPC has instituted a number of programs that reduce emissions and improve air quality, including industrial controls, restrictions on gasoline stations, and vehicle inspection/maintenance programs (e-check). DAPC and nine local air pollution control agencies monitor air quality throughout Ohio and conduct inspections at the large facilities in the state.

Current Ohio air monitoring data are featured in graphs, maps and reports on the division's Web page, www.epa.ohio.gov/dapc/. (614) 644-2270

- **Division of Drinking and Ground Waters** (DDAGW) provides technical assistance and educational information on issues such as ground water protection, public water system operation, ground water quality, and proper cleanup of contaminated ground water resources. The Division administers Ohio's Water Supply Revolving Loan Account, Source Water Assessment and Protection Program, Wellhead Protection Program, Operator Certification Program, Compliance Monitoring Program, Ground Water Quality and Characterization Program, and Underground Injection Control Program. The Division has produced a variety of fact sheets, guidance documents, and educational videos that explain the division's programs, applicable regulations, and various ground water and drinking water supply concepts. Information can be accessed online at www.epa.ohio.gov/ddagw/, or by contacting the Division. (614) 644-2752

- **Division of Emergency and Remedial Response**. DERR is focused on environmental clean up and is comprised of 6 programs - Emergency Response (ER), Remedial Response (RR) and the Voluntary Action Program (VAP), Site Assessment and Brownfields Redevelopment, Clean Ohio Fund Program (COF) and Federal Facilities Oversight FFO .The ER program responds to sudden releases of hazardous materials, petroleum and radiation. ER partners with local and state emergency management officials to minimize and prevent releases to the environment. The RR program determines whether or not potentially contaminated sites represent a risk to human health or the environment and whether they are safe for their intended use. In cases where a clean up is necessary, the RR program oversees the cleanup. SABR provides outreach to communities dealing with blighted and contaminated properties, raising awareness of the available sources of technical and financial assistance for the revitalization of brownfields, including the Clean Ohio Revitalization Fund. The VAP allows companies to investigate possible environmental contamination, clean it up if necessary and receive a promise from the State of Ohio that no more cleanup is needed. The VAP minimizes governmental red-tape and maximizes resources and expertise in the private sector. Anyone can undertake a cleanup project and, by following the VAP cleanup rules, be assured it meets environmental standards without direct oversight from Ohio EPA. And the FFO oversees the investigation and remediation activities at federal cleanup sites in Ohio. The section provides cleanup oversight and facilitates environmental monitoring, emergency response, remedial actions and public outreach at Department of Energy (DOE) and Department of Defense (DoD) sites in the state. Additional information is available on the Division Web page, www.epa.ohio.gov./derr/. (614) 644-3756

- **Division of Hazardous Waste Management** (DHWM) offers many services to help the general public and the regulated community understand Ohio's

hazardous waste laws and cessation of regulated operations laws. These services include:

- presentations (e.g., hazardous substances and hazardous waste, Resource Conservation and Recovery Act, common cleanup methods)
- Workshops (e.g., Ohio's hazardous waste regulations, management of fluorescent lamps in Ohio, pollution prevention options for automotive repair facilities)
- Publications (e.g., Environmental Guide for Ohio Dry Cleaners, Your Business and Hazardous Materials Management . . . A Simple Guide to Help You Prevent Groundwater Pollution and Protect Your Drinking Water Source, The Cessation of Regulated Operations Manual)

Additional information is available on the Division Web page, www.epa.ohio.gov/dhwm/. (614) 644-2917

- **Division of Solid and Infectious Waste Management** (DSIWM) is charged with: encouraging waste reduction and recycling statewide; overseeing local solid waste planning efforts; regulating solid waste landfill, composting, incinerator, and transfer facilities; regulating the generation, transportation, and treatment of infectious waste; regulating construction and demolition debris landfills; and regulating the transportation, collection, storage, disposal, beneficial use, and recovery of scrap tires. DSIWM also oversees state-funded scrap tire cleanup efforts. Fact sheets and guidance documents on a variety of topics are available on the DSIWM Web page, www.epa.ohio.gov/dsiwm/. DSIWM staff members are available to answer questions and make presentations to interested audiences. We also encourage you to contact your local solid waste management district for information on recycling, composting, and other solid waste management issues. Phone numbers, web addresses, etc. for these districts can be found at http://www.epa.ohio.gov/portals/34/document/general/swmd_chair_list.pdf. (614) 644-2621

- **Division of Surface Water** (DSW) distributes a number of reports, publications and fact sheets describing water quality conditions in Ohio, and explaining Ohio EPA's activities to protect the state's lakes, rivers, and streams. The Division provides technical assistance to operators of wastewater treatment facilities, to builders and municipalities on storm water runoff, to anyone requesting information on wetlands, dredging and filling operations, and many other issues. The Division performs demonstrations for schools and other interested groups, showing how Ohio EPA uses bugs, fish and other organisms to monitor water quality. For more information, call (614) 644-2001 or visit www.epa.ohio.gov/dsw/.

- **Office of Compliance Assistance and Pollution Prevention (OCAPP)** provides a variety of free services, including assistance with permits, training seminars, on-site compliance and pollution prevention evaluations to help companies prevent or minimize the creation of pollution. OCAPP also offers a toll-free hotline, workshops and training, a library of publications that explain

requirements and P2 opportunities in plain English, a quarterly newsletter, assistance for mercury reduction projects, and assistance in completing air permit application forms. Information is online at http://epa.ohio.gov/ocapp, by calling (614) 644-3469 or toll free (800) 329-7518, or by e-mailing p2mail@epa.state.oh.us.

- **Office of Environmental Education (OEE)** administers the Ohio Environmental Education Fund (OEEF) and Ohio Clean Diesel School Bus Fund grant programs, offers environmental science and engineering scholarships to Ohio college students, and provides statewide coordination for the *Healthy Water, Healthy People*® water quality monitoring curriculum for middle and high school. The office also offers professional development workshops for educators through a partnership with the Environmental Education Council of Ohio, and supports several initiatives to interest Ohio students in environmental careers. These programs are all described more fully in the pages that follow. Information is available online at www.epa.ohio.gov/oeef/ or by calling (614) 644-2873 or e-mailing oeef@epa.state.oh.us.

- To manage the agency's programs at the local level, the state is served by five **district offices**. There are six divisions in each district office: air pollution control, surface water, drinking and ground water, solid and infectious waste management, hazardous waste management, and emergency and remedial response. District personnel review permit applications, inspect facilities, identify environmental violations, oversee some cleanup projects, provide technical assistance to municipalities and industry, assess air and water quality conditions, and manage the agency's pollution control programs at the local level. Contact with the public is one of the main responsibilities of the district offices. District office staff members are available on a limited basis for classroom presentations, science days, land labs, career days, Earth Day events, and other environmentally related outreach activities. Speakers can be arranged by calling the district office responsible for your county. A map of counties assigned to each district office is posted at www.epa.ohio.gov/directions.aspx

  - **Central District Office,** 50 W. Town St., Suite 700, Columbus, Ohio 43215
    (614) 644-3020 or (800) 686-2330
  - **Northeast District Office,** 2110 E. Aurora Road, Twinsburg, OH 44087
    (330) 425-9171 or (800) 686-6330
  - **Northwest District Office,** 347 North Dunbridge Road, Bowling Green, OH 43402
    (419) 352-8461 or (800) 686-6930
  - **Southeast District Office**, 2195 Front Street, Logan, OH 43138
    (740) 385-8501 or (800) 686-7330
  - **Southwest District Office,** 401 East Fifth Street, Dayton, OH 45402-2911

(937) 285-6357 or (800) 686-8930

***Public Information/Public Affairs Office***

The **Public Interest Center** (PIC) educates the public about environmental issues and Ohio EPA's activities, and encourages public participation in the Agency's decision-making processes. The public involvement section responds to citizen telephone calls, letters and various information requests and conducts public meetings. They also provide community relations training to Agency employees. The media relations section issues news releases to inform the media about Agency activities, and works with all Agency employees in responding to media calls. The publications staff produces numerous brochures, external and internal newsletters and educational displays and also manages the Agency's Web site. Information is available online at www.epa.ohio.gov/pic/ or contact Carol Hester, Chief, (614) 644-2160.

***Major Customers/Audiences***

Ohio EPA's customers include the citizens of Ohio, regulated entities in the public and private sector, environmental groups, U.S. EPA, local governments and elected officials.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

- **Ohio Environmental Education Fund** (OEEF) provides mini grants of $500 - $5,000 and general grants of up to $50,000 for environmental education projects targeting pre-school through university students and teachers. Application deadlines are January 15 and July 15 each year, and grants are awarded through a competitive, peer reviewed process. Grant recipients must be Ohio-based organizations, and include schools and universities, state and local government agencies, private companies, and non-profit organizations. The OEEF Web site www.epa.ohio.gov/oeef/Home.aspx provides examples of funded projects, including school stream sampling programs, development of outdoor classrooms, and hands-on activities illustrating energy production and conservation. K-12 proposals must show how student activities align with the Ohio Department of Education's Academic Content Standards for the appropriate discipline. OEEF also offers scholarships for college students in environmental science and engineering, described in the pages that follow.

- **Ohio Clean Diesel School Bus Fund** provides Ohio school districts with grants up to $300,000 to retrofit school buses with pollution control equipment, to improve air quality and reduce student and driver exposure to the pollutants in diesel exhaust. Application deadlines are March 1 and September 1 each year, with application information online at www.epa.ohio.gov/oeef/schoolbus.aspx

- **Professional Development for Educators:** The Office of Environmental Education partners with the Environmental Education Council of Ohio (EECO) to provide professional development opportunities to teachers and non-formal environmental educators who work with the pre-school through university audience. This partnership distributes education materials through a network of more than 2000 school contacts, regional directors coordinating workshops in each of Ohio's 12 education regions, curriculum resources, and a guide to the development of school land labs. Each year, the partnership supports one statewide and three regional conferences, and offers more than 60 local workshops serving between 1,200 and 1,500 educators statewide. Many of these workshops are in nationally recognized EE curricula such as Project WET, Project WILD, Project Learning Tree, the Leopold Education Project, and Project Food, Land and People. Information is online at www.epa.ohio.gov/oeef/oeef_partnerships.aspx

.

- The Office of Environmental Education also works with the Ohio Chemistry Technology Council to present the **"Teachers, Industry, and the Environment (TIE)" conference** for 60 teachers each October. www.ohiochemistry.org/

- ***Healthy Water, Healthy People®*** (HWHP): This water quality monitoring curriculum for students in grades 6-12 was developed by Project Wet and the Hach Scientific Foundation. HWHP is coordinated in Ohio by the Ohio EPA Office of Environmental Education, and may be used to certify level 1 data collectors under the Division of Surface Water's credible data program. Information is online at www.epa.ohio.gov/oeef/hwhpohconnect.aspx or by contacting the Office of Environmental Education at (614) 644-2873 or oeef@epa.state.oh.us.

- The Public Interest Center offers an online ***Teacher's Kit*** and several environmental coloring and activity books

### *Environmental Education Resources for the General Public*

- **Public Interest Center**: Ohio EPA's Public Interest Center provides a wide array of services geared toward educating the public about environmental issues. Call or write the Public Interest Center to schedule a presentation on environmental issues such as pollution prevention, regulation of pollution in Ohio, Ohio EPA programs and specific environmental issues such as open burning, household

hazardous waste disposal and soil remediation. A variety of publications about Agency programs and processes is also available.

**OEEF Grants:** The Ohio Environmental Education Fund (see #1) provides general and mini grants for projects to help the public understand technical aspects of environmental issues. Recently funded projects focused on preventing storm water pollution; protecting local watersheds, wetlands and vernal pools; encouraging energy conservation and recycling; protecting native species; disposing of mercury thermometers and sharps safely; fish consumption advisories; and steps homeowners can take to maintain septic systems.

- **Division of Surface Water Web pages** include a series of one-page geographical summaries or "info-graphics" on the major river systems and watersheds in the state, at www.http://epa.ohio.gov/dsw/document_index/psdindx.aspx . A series of interactive maps at http://epa.ohio.gov/dsw/gis/index.aspx, show the locations of Ohio EPA biological monitoring sites; Combined Sewer Overflow (CSO) outfalls for Ohio communities with combined sewers; individual NPDES permitted dischargers by county; and agricultural fields that have been approved by the Agency for the land application of biosolids (sewage sludge).

In addition, all Ohio EPA Divisions and Offices offer presentations and services to the general public.

***Environmental Education Resources for the Regulated Community***

- **OEEF Grants:** The Ohio Environmental Education Fund (see #1) provides general and mini grants for projects to assist regulated businesses to understand and comply with environmental regulations. Recently funded projects focused on energy and fuel efficiency for businesses and fleet managers; management of pharmaceutical wastes; storm water management tools for developers; pollution prevention for hospitals; compliance assistance for automotive repair businesses and compost facilities; and best management practices for farmers and livestock producers. Other OEEF-funded seminars have focused on petroleum releases and spills, office waste reduction, and operation of small wastewater treatment systems.

- **Office of Compliance Assistance and Pollution Prevention (OCAPP)** provides technical assistance to companies, organizations and individuals on techniques to prevent or minimize the creation of pollution. Services include a toll-free hotline, on-site compliance and P2 assessments, workshops and training, a library of publications that explain requirements and P2 opportunities in plain English, a quarterly newsletter, and assistance in completing air permit application forms. Specific initiatives include a Brownfield Focus Group Environmental Insurance Program; programs for communities with municipal separate storm sewer systems (MS4s); Ohio's Food Scrap Management

Initiative; Ohio's Tox-Minus Initiative asking 100 of the top Toxic Release Inventory reporters for 2005 to implement effective pollution prevention strategies to reduce waste, air and water-related TRI emissions. Other initiatives include the Governor's Awards for Outstanding Achievement in Environmental Stewardship, and mercury reduction efforts, such as the Ohio Voluntary Mercury Switch Removal Program for auto recyclers. Information is online at www.epa.ohio.gov/ocapp/ocapp.aspx, by calling (614) 644-3469 or toll free (800) 329-7518, or by e-mailing p2mail@epa.state.oh.us.

In addition, all Ohio EPA regulatory programs provide technical and compliance assistance.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

- Ohio EPA partners with many other agencies and organizations to advance environmental education. The Ohio Environmental Education Fund supported the development of statewide strategic plans for environmental education in 2000 and 2010, working with a broad-based coalition including the Environmental Education Council of Ohio, universities, the Ohio Departments of Development, Education and Natural Resources, and many nature centers and other organizations. The strategic plan identifies broad objectives and accompanying action items to provide coordinated EE activities, communication and promotion, training and professional development; encourage diversity; develop an EE research agenda; promote accountability and measurable results; and connect people with the environment. Implementation of the strategic plan is well underway. A copy of the strategic plan can be found on the Office of Environmental Education web page, www.epa.ohio.gov/oeef/oeef_partnerships.aspx.

- To implement *Ohio EE 2010: A Strategic Plan for Environmental Education* (see #4), Ohio EPA's Office of Environmental Education chairs the ***Ohio Interagency Council for Environmental Education***, to improve coordination of EE resources and programs among the various state and federal agencies at work in Ohio. Representatives from 22 state and 9 federal agencies participate. www.eeco-online.org/government.html.

Ohio EPA also participates in a number of interagency work groups on topics such as recycling, purchasing of recycled content materials, energy efficiency, protection of the Great Lakes and Ohio River, local and statewide emergency planning, funding of local government environmental infrastructure, certification of various kinds of environmental professionals, and many more.

***Career Education Services***

Shadowing
√ Mentoring
√ Career presentations to K-12 or higher education
Professional development for teachers
√ Scholarships
√ Internships (posted at www.careers.ohio.gov)
√ One-on-one requests for information
√ Other:

- **Environmental Science and Engineering Scholarships:** The Ohio Environmental Education Fund (OEEF) in the Office of Environmental Education partners with the Ohio Academy of Science to offer merit-based scholarships to environmental science and engineering students at state-supported two-year and four-year colleges and universities. The program seeks to promote the professions of environmental science and engineering, and to provide incentives and career motivation in environmental protection. Each year scholarships up to $2,500 are awarded to fourth and fifth year students at universities, and scholarships up to $1,250 are awarded to second year students at technical and community colleges. Applications are accepted in May for the following academic year, and information is available online at www.epa.ohio.gov./oeef/ee_scholarships.aspx.

- Ohio EPA supports three specific initiatives to interest younger Ohio students in careers in environmental science and engineering. The Ohio Environmental Education Fund is a major sponsor of **State Science Day**, the state championship competition for middle and high school student science research projects coordinated by the Ohio Academy of Science. Activities include judging and presenting the Governor's Awards for Excellence in Environmental

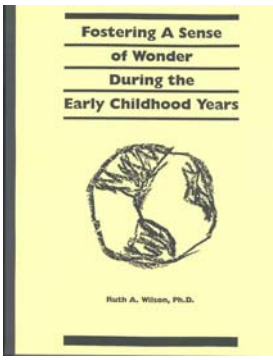
Protection Research to 24 of the best environmental science projects by 7th through 12th grade students from across Ohio. Information is online at http://www.epa.ohio.gov/oeef/state_science_day.aspx

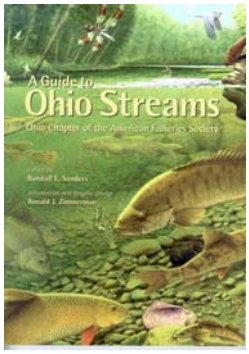
- For high school students, the OEEF sponsors the **Ohio Envirothon** competition organized by local soil and water conservation districts and the Ohio Department of Natural Resources. Student teams are tested on forestry, soils, water quality, wildlife, and current environmental issues. Information is online at www.dnr.state.oh.us/tabid/8652/Default.aspx. For middle school students, the OEEF supports the **National Engineers Week Future City Competition**, www.futurecityohio.org. Seventh and eighth grade teams design a city of the future that is evaluated based on its energy efficiency and environmental sustainability.

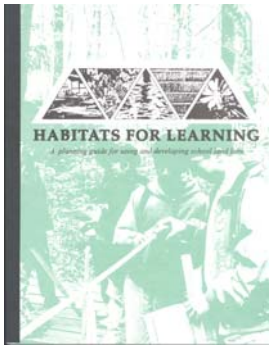
***Print/Non-print Materials***

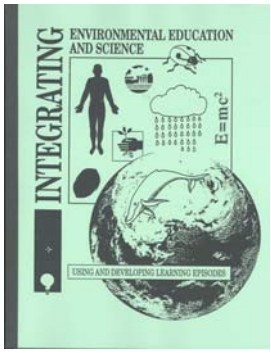
The Office of Environmental Education distributes a variety of publications to educators, students and the general public. Many are available as downloadable files, online at www.epa.ohio.gov/oeef/oee_publications.aspx. Publications for environmental educators include:

- *Best Practices for Environmental Education: Guidelines for Success,*
- *Directory of Ohio Environmental Education Sites and Resources,*
- *Fostering A Sense of Wonder During the Early Childhood Years,*
- *A Guide to Ohio Streams*,
- *Habitats for Learning: A Planning Guide and Video for Using and Developing School Land Labs,*
- *Healthy Water, Healthy People: Field Monitoring Guide,*
- *Healthy Water, Healthy People: Water Quality Educators Guide,*
- *Healthy Water, Healthy People sampling kits, and*
- *Integrating Environmental Education and Science*










The Office of Environmental Education offers classroom presentations and public demonstrations of table top models such as the EnviroScape® watershed and drinking water/waste water treatment models, the ground water flow model, and

the Ohio Wildlife History timeline model, as time permits. OEE staff members are certified facilitators for *Project WET, Project WILD, Project Learning Tree*, the *Leopold Education Project*, and *Healthy Water, Healthy People*® and can assist with educator workshops.

DVDs, CDs, videos, slide shows and products from grant projects funded by the Ohio Environmental Education Fund can also be borrowed from the OEE.

- ***Protecting Your Environment*** is an interactive CD-ROM designed for high school students, citizens and public libraries. It provides information on a number of environmental or health risks, steps that students, citizens and policy makers can take to avoid them, and Ohio success stories. The CD-ROM includes active links to Web sites and databases with information on local environmental conditions in Ohio, interactive games to test the user's understanding, and resources to help citizens participate in environmental decision-making.

- The ***Environmental Literacy Project Report*** showcases a 1998 telephone survey of 504 Ohio adults, to test their understanding of ecological principles and how natural systems interact with human social systems. The results are summarized in two *Ohio Journal of Science* articles about adult environmental literacy, available on the Office of Environmental Education Web page, www.epa.ohio.gov/oeef/ee_resources.aspx. The survey itself is available on the *Protecting Your Environment* CD-ROM described above.

All Ohio EPA divisions and offices offer specific publications that are described more fully on the Ohio EPA Web page.

### *Resource People Available for Assistance*

In the area of environmental education, staff members from the Office of Environmental Education provide assistance with grant applications and implementation, curriculum development, and professional development for environmental educators. On specific environmental issues, many employees in the Ohio EPA divisions and offices can provide expertise and information resources.

**Ohio Historical Society (OHS)**
1982 Velma Avenue
**Columbus OH  43211-2497**
**Phone:  (614) 297-2300 or (800) 686-6124**
**Fax: (614) 297-2293**
www.ohiohistory.org
www.ohiokids.org
http://www.ohiohistorycentral.org/

***Key Contact***

Robert C. Glotzhober, Curator, Natural History
E-mail: bglotzhober@ohiohistory.org
Phone: (614) 298-2054
Fax:  (614) 297-2546

***Overall Mission and Organization***

The Ohio Historical Society provides direction, identity, education, and enlightenment to improve people's lives today and in the future. To do this, we preserve, interpret, provide access to, and foster an appreciation of the evidence and the experience of the past, particularly of Ohio." To accomplish these purposes, we maintain museum collections, archives/library collections, and a system of sites and museums. Fifty-eight sites and museums around the state relate to the natural history, prehistory, and history of Ohio. Educational programs and exhibits at the museums interpret Ohio's.

***Public Information/Public Affairs Office***

**External Relations** provides contacts to a number of groups and services: Media Relations:  Kim Schuette (614) 297-2314 serves as a liaison with all forms of media; prepares press releases, and publishes our members newsletter *Echoes*. Outreach Programs and Local History Office:  Jody Blankenship (614) 297-2535.

***Major Customers/Audiences***

School children, family groups, a vocational groups, researchers etc.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

Museum exhibits, particularly in the "Nature of Ohio" exhibit at the Ohio Historical Center in Columbus (e.g., geography, geology, climate, plants, and animals).
http://www.ohiohistoryteachers.org/index.shtml
Educational programs at Cedar Bog Nature Preserve (Champaign County) & public trails http://www.cedarbog.org/
Educational programs at Wahkeena Nature Preserve (Fairfield County) & public trails http://ohsweb.ohiohistory.org/places/c13/
Museum exhibit, educational programs and trails at Serpent Mound State Memorial (Adams County) http://ohsweb.ohiohistory.org/places/sw16/

Discovery Theater programs for children (and adults) at the Columbus museum
Workshops for children and adults http://www.ohiohistory.org/
Distance Learning programming transports students through time to historical places http://www.ohiohistoryteachers.org/05/index.shtml

***Environmental Education Resources for the General Public***

See above.

***Environmental Education Resources for the Regulated Community***

None

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

We provide information as requested on a wide variety of topics
Phone: (614) 297-2510 E-mail: reference@ohiohistory.org

**Career Education Services**

- √ Shadowing (irregular)
- √ Mentoring (irregular)
- √ Internships: Available at Wahkeena and Cedar Bog Nature Preserves and in Collections
- √ One-on-one requests for information
  Phone: (614) 297-2510 E-mail: reference@ohiohistory.org

**Print/Non-print Materials**

***Timeline*** – a high quality, glossy magazine for members and subscribers with articles and photographs on history, archaeology, and natural history

***Echoes*** – our members' newsletter, informational articles and calendar of events

***Ohio History*** – a quarterly scholarly historical journal

**Various publications**, booklets in our "State Memorials" series (20 page booklets on Serpent Mound, Fort Ancient, Schoenbrunn Village, and Fort Meigs currently available for purchase) and other materials are available at our gift shops

A **reference library** with holdings as follows: 130,000 + print material; 2,107 cubic feet of AV material; 10,000 cubic feet of manuscripts; 43,588 cubic feet of archives

**Museum collections**: 4,400 + groups of items (9,700 cf) of archaeological artifacts; 120,000 + historical artifacts; 27,926 + natural history objects
Online Catalog of our collections http://www.ohiohistory.org/occ/menu.htm

***Resource People Available for Assistance***

Library/Archives reference desk: 614/ 297-2510

E-mail: reference@ohiohistory.org

Museum curators in history, archaeology, natural history: 614/ 297-2500

**Ohio River Valley Water Sanitation Commission**
**Educational Foundation**
**5735 Kellogg Avenue**
**Cincinnati, OH 45228-1112**
**Phone: 513-231-7719**
**Fax: 513-231-7716**
**oef.orsanco.org/**

***Key Contact***

Jeanne Ison, Executive Director, ORSANCO Public Information Manager
E-mail: jison@orsanco.org
Phone: 513-231-7719
Fax: 513-231-7716

***Overall Mission and Organization***

The ORSANCO Educational Foundation (OEF) was formed in 2003 as an independent 501c3, non-profit organization under the Ohio River Valley Water Sanitation Commission (ORSANCO). The ORSANCO Educational Foundation (OEF) is comprised of an Executive Committee, a Board of Directors, and staff. Its purpose is to raise and manage funds for Ohio River education and public awareness programs, such as the Floating Classroom Program. ORSANCO is an interstate Commission established in 1948 to control and abate water pollution in the Ohio River Valley. Member states include Illinois, Indiana, Kentucky, New York, Ohio, Pennsylvania, Virginia, and West Virginia. The federal government is also represented.

***Major Customers/Audiences***

Educators, students, and communities within the Ohio River Basin.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

The **Floating Classroom Pilot Program** is an Ohio River-based experience designed to educate 10th and 11th graders about water quality issues, including

water monitoring, watersheds, land use, navigation, and water pollution. The program will teach students how to collect and analyze data, and to combine these skills with critical thinking to solve water quality issues in their community. The program will also enhance environmental education programs within the Ohio River basin by providing professional development for teachers, and by connecting students and teachers to regional organizations that will help them develop community action projects.

The focal point of the program is a four-hour interactive voyage aboard the ORSANCO River Education Center (OREC), a historic sternwheel boat that is being renovated to include five learning stations. At these stations, students will use scientific equipment to observe the river area, to collect chemical and biological data, to learn about river history and navigation, and to solve a simulated pollution problem.

### *Career Education Services*

- Shadowing
- Mentoring
- √ Career presentations to K-12 or higher education
- √ Professional development for teachers
- Scholarships
- √ Internships
- One-on-one requests for information
- Other

### *Print/Non-print Materials*

Fact Sheets about the Floating Classroom Program and the ORSANCO Educational Foundation are available by contacting our offices at 513-231-7719. Other information is available on our website at oef.**orsanco**.org/.

### *Resource People Available for Assistance*

Jeanne Ison, Education Foundation Director, ORSANCO Public Information Manager
River Education Center Staff

**Ohio State University Extension (OSU Extension)**
**Extension Administration**
**32 Agricultural Administration Bldg.**
**2120 Fyffe Road**
**Columbus, OH 43210-1084**
**Phone: (614) 292-4077**
**Fax: (614) 688-3807**
**www.ag.ohio-state.edu/**

***Key Contact***

Dr. Joe E. Heimlich
OSU Extension – Community Development
2120 Fyffe Road
Columbus, OH 43210
E-mail: heimlich.1@osu.edu
Phone: (614) 228-2674 ext. 2425
Fax: (614) 292-7341

***Overall Mission and Organization***

The mission of OSU Extension is to help people improve their lives, through an educational process using scientific knowledge focused on identified issues and needs. Extension is the outreach arm for The Ohio State University. The goal is to interpret knowledge developed at OSU and other land-grant universities and disseminate it to the general public. Programs are organized in four program areas: Agriculture and Natural Resources, Community Development, Family and Consumer Sciences, and 4-H Youth Development.

***Extension Agriculture and Natural Resources*** programs strive to deliver research-based information which will aid stakeholders in maximizing profitability while minimizing management practice impacts on the environment. Emphasis is placed on team initiated programs, electronic information delivery, managing/responding to change in agriculture and environmental stewardship. Programs address farming, gardening, and environmental resource management and protection.

The ***Community Development*** program area works to enhancing the well-being of communities through community economic development, community building education, environmental issues and education, providing local government services, and offering Sea Grant Extension programming for Lake Erie businesses and residents. Programs focus on attracting new businesses, keeping and expanding existing businesses, recycling and composting, job training, leadership development, public policy and land use.

OSU Extension ***Family and Consumer Sciences'*** programming focuses upon "Building Strong Families in the 21st Century." Targeted issues include: life cycle stages, family life, health and wellness including environmental health, nutrition and food safety, home-based businesses, consumer responsibility and decision making, money management and managing multiple roles.

The ***4-H Youth Development*** programs exist to create positive environments for diverse youth and adults to reach their fullest potential as capable, competent, caring and contributing citizens. Programs address career exploration, leadership, self-esteem development and youth-at-risk.

***Public Information/Public Affairs Office***

**Communications and Technology** provides news writing, editorial, graphic design and layout, and television services.

Contact Information: Suzanne Steel, Director, College Communication & Technology, News & Media Relations (614) 292-2011

***Major Customers/Audiences***

Homeowners, agricultural producers, agri-industry, youth, educators, community leaders (elected and appointed), general public.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

For youth educators: *Science Alive* is a series of teacher resources that provides hands-on science experiences (e.g., Beans about Water, SPALASH$_2$O). Extension educators offer a variety of workshops including Ag in the Classroom; Celebrating the Harvest A-Z; Food, Land and People, Project WET and many others.
For youth: A variety of opportunities are available including 4-H Wildlife Habitat Evaluation Program, State 4-H Conservation Camp, summer county camp programs and various county programs such as environmental speaking contests, recycling programs, and natural resources education days. 4-H curriculum and project book materials examine a variety of environmental topics including forestry,

ornithology, entomology, waste disposal, water use and conservation, pond management, and aquatic biology.

### *Environmental Education Resources for the General Public*

Programs focus on a range of environmental and conservation topics including forest resource management, wildlife management, pond management, soil conservation, best management practices (BMPs), Christmas tree and maple syrup production. Programs include Ohio Certified Volunteer Naturalist, Ohio Watersheds Network, Ohio Woodland Stewards Program, Ohio Geospatial Program, Ohio NEMO, Ohio Sea Grant, STREAMS, Barn Again!, Invisible Environment, Ohio Land Use Planning Program, a variety of field days and clinics, and initiatives sponsored by the Land Use Team and the Public Issues Team. One of Extension's signature programs is "Why Trees Matter," a program that works with communities on building support for and increasing the community forest.

### *Environmental Education Resources for the Regulated Community*

For public, private and commercial pesticide applicators: annual training and education on general pesticide use and technologies, and specific updates for each license category (e.g., turf, agronomic, aquatic). Water sanitation training programs and workshops are an important effort of OSU Extension.

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

Extension partners with local and statewide organizations and agencies to provide in-service education and/or outreach (e.g., Ohio Department of Natural Resources, Ohio Environmental Protection Agency, health departments, county soil and water conservation districts, commodity groups,) Some of these efforts include Water Resource Protection and Management, water testing and treatment, and

### *Career Education Services*

- √ Internships
- √ One-on-one requests for information

### *Print/Non-print Materials*

Fact sheets and bulletins.
On-line publications at http://ohioline.osu.edu/

### *Resource People Available for Assistance*

Faculty member/extension specialists and non-faculty subject-matter specialists from several colleges and departments: School of Natural Resources; College of Human Ecology; Department of Food Science and Technology; Department of Horticulture and Crop Science; Department of Environmental and Developmental Economics; Department of Food, Agricultural and Biological Engineering; and the Ohio Agricultural Research and Development Center.

**Ohio Water Development Authority (OWDA)**
**480 South High Street**
**Columbus, Oh 43215**
**Phone: (614) 466-5822**
**Fax: (614) 644-9964**
www.owda.org

***Key Contact***

Steven Grossman, Executive Director
E-mail: steve@owda.org
Phone: (614) 466-5822
Fax: (614) 644-9964

***Overall Mission and Organization***

The mission of the Ohio Water Development Authority is to provide financial assistance for environmental infrastructure from the sale of municipal revenue bonds through loans to local governments in Ohio and issuing Industrial Revenue Bonds for qualified projects in Ohio. The vision is to continue to provide financial assistance for environmental infrastructure by: being responsive to the needs of local government agencies; enhancing the provision of financial and technical assistance; developing new financial assistance products for the private sector; and facilitating statewide cooperation for environmental infrastructure financing. We are organized to make loans, disburse funds, receive loan repayments and account for all financial activity.

***Public Information/Public Affairs Office***

None

### *Major Customers/Audiences*

OWDA works with local government agencies of Ohio (i.e., counties, cities, villages, water and/or sewer districts, and conservancy districts), issuers of debt for pollution control activities, and private person(s) seeking loans to address remediation, non-point source pollution or dam safety.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

None

### *Environmental Education Resources for the General Public*

The environment-related programs and services that OWDA provides to the general public is an easy ability to borrow funds to address environmental/safety problems related to non-point source pollution and dam safety.

### *Environmental Education Resources for the Regulated Community*

OWDA is supportive of activities of the Curriculum Committee of the Small Communities Environmental Group (SCEIG).

The SCEIG is an informal group of state, federal, local educational and service agencies that provide educational, technical and financial assistance for environmental infrastructure projects. These agencies coordinate efforts to assist small governments with the difficult task of developing, improving and maintaining their water and wastewater systems. The goal of the group is to assist small communities in identifying the most appropriate resources to help the communities resolve problems associated with environmental infrastructure. To this end, the group has established four committees to address the most pressing needs of small communities. One of the committee's is the Training Committee which offers a variety of special workshops in what local officials need to know about water and wastewater systems.

These Workshops are available to any local government officials.

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

The environment-related programs and services that OWDA provides to other agencies are an easy ability to borrow funds to address environmental problems.

***Career Education Services***

None

***Print/Non-print Materials***

Nothing related to education
Annual Report and website related to loan programs

***Resource People Available for Assistance***

None related to education
Resource people related to loan programs

**Public Utilities Commission of Ohio (PUCO)**
**180 East Broad Street**
**Columbus, Ohio 43215-3793**
**Phone: (614) 466-3016**
**Fax: (614) 752-8351**
**Web address: www.puco.ohio.gov**

***Key Contact***

**Matt Butler, Communications Chief**
E-mail: matt.butler@puc.state.oh.us
Phone: (614) 644-6231
Fax: (614) 752-8802

***Overall Mission and Organization***

Our mission is to assure all residential and business consumers access to adequate, safe and reliable utility services at fair prices, while facilitating an environment that provides competitive choices.

***Public Affairs Office***

This office is charged with coordination of all communication, both internal and external. The office is comprised of two main areas: Communications and Legislative Affairs. Also included in this office is the PUCO Webmaster.

Contact Information:
Office of Public Affairs
Public Utilities Commission of Ohio
180 E. Broad Street, 12th Floor
Columbus, Ohio 43215-3793
(614) 466-7750

***Major Customers/Audiences***

Residential, commercial and industrial customers of investor-owned utility companies, as well as public interest groups, legislators, local elected officials, trade associations and utility companies.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

Most education provided is on an informal basis. We provide environmental information regarding the industries that we regulate. We also provide speakers (upon request), and/or any materials that we publish related to the subject.

### *Environmental Education Resources for the General Public*

Transportation/Hazardous Materials: Resource for information on hazardous materials; distributes regulations; makes grants available on occasion; speakers from staff available to address hazardous material topics.

Biomass Energy Program: Resource for information on biomass energy and renewable energy in general; Web site with biomass information and Ohio-specific reports; occasional offering of grants supporting biomass activities.

Power Sitting: Assists applicants in achieving compliance with numerous environmental requirements (includes sitting of wind facilities generating five or more megawatts).

Commission Offices: A resource for information on fuels and clean coal technologies by virtue of participation in Technical Advisory Committee (TAC) and National Coal Council.

Miscellaneous Electric: Resource for information on Ohio's advanced energy portfolio standard, voluntary green pricing programs, air quality issues, emission allowances, climate change and environmental disclosure.

### *Environmental Education Resources for the Regulated Community*

Transportation/Hazardous Materials: Resource for information on hazardous materials.

Biomass Energy Program: Resource for information on biomass energy and renewable energy in general; Web site with biomass information and Ohio-specific reports.

Power Siting: Resource for information on new siting applications and their respective environmental impacts; power siting involves contributions from several Ohio agencies, and thus coordination/communication is paramount.

Commission Offices: A resource for information on fuels and clean coal technologies by virtue of participation in Technical Advisory Committee (TAC) and National Coal Council.

Miscellaneous Electric: Resource for information on Ohio's advanced energy portfolio standard, air quality issues and climate change; member of multi-agency teams, including the Ohio Wind Working Group

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

Transportation/Hazardous Materials: Respond to general public inquiries related to hazardous materials.

Biomass Energy Program: Respond to public inquiries related to biomass and renewable energy.

Miscellaneous Electric: Respond to public inquiries related to Ohio's advanced energy portfolio standard, emission allowances, air quality issues (i.e. acid rain and smog/ozone), climate change, toxic release inventory (TRI), environmental disclosure initiative, and Green-e.

***Career Education Services***

- √ Shadowing
- √ Mentoring
- √ Internships
- √ One-on-one requests for information

***Print/Non-print Materials***

Biomass Energy Program: Biomass Energy Program brochure; Biomass Energy Program Newsletter; report on converting agricultural waste to energy; report on utilization of biomass energy resources in Ohio; and directory of wood manufacturing industry in Ohio.

Power Siting: Copy of rules detailing scope of power siting's activities; citizen participation guide; Staff reports.

Commission Offices: Reports on various activities.

Miscellaneous Electric: Environmental disclosure labels for all residential electric suppliers.

***Resource People Available for Assistance***

**PUCO Consumer Call Center: (800) 686-7826 (PUCO)**

Speakers
Staff Experts

**State Library of Ohio**

274 E. 1st Avenue, Columbus, OH 43201
Phone: 614-644-7061
Fax: 614-466-3584
http://www.library.ohio.gov

***Key Contact***

Melissa Lodge
Head, Library Programs and Development
E-mail: mlodge@sloma.state.oh.us
Phone: 614-644-6914
Fax: 614-466-3584

***Overall Mission and Organization***

The State Library of Ohio provides access to information for Ohio's state government, leads and partners in the development of library services throughout Ohio, enables resource sharing among libraries and library networks, and provides specialized services to Ohio's residents.

***Public Information Office/Public Affairs Office***

The Department of Marketing and Communications distributes information and promotes programs and services of the State Library of Ohio to State employees and Libraries.

Contact information: Marsha McDevitt-Stredney
274 E. 1st. Avenue, Columbus, OH 43201
614-644-6875
marshams@sloma.state.oh.us

***Major Customers/Audiences***

State Employees, Library staff working in all types of libraries in Ohio, and residents of Ohio.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

Ohio Web Library, an evolving collection of thousands of online publications and research resources, contains databases such as Science Online, World Book Online, and Student Research Center, with information and teaching aids on the environment. The Ohio Web Library is available to all Ohio residents from home, school, or public library, and is funded through federal LSTA grants administered by the State Library.

### *Environmental Education Resources for the General Public*

The State Library of Ohio is a regional depository for U.S. government documents, and as such, provides access to government information on the environment and environmental issues through its extensive collection. In addition, reference librarians are available to assist state employees and citizens with questions related to environmental issues. We provide in-house databases of current literature through membership in OhioLINK, and wide access to the Ohio Web Library. Our state and federal government documents are available to all. Subject specialist reference librarians are available to assist the public in answering questions and finding contact information for the state and federal agencies most able to assist them.

### *Environmental Education Resources for the Regulated Community*

None

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

We support employees of state agencies such as the Ohio Environmental Protection Agency and the Ohio Department of Natural Resources with research and current awareness services to assist them in providing up-to-date environmental information and regulation. State employees have access to the collection of the State Library as well as that of OhioLINK, a consortium of 90 Ohio colleges and universities, and may borrow materials from any of the related institutions for work or personal use.

### *Career Education Services*

One-on-one requests for information

### *Print/Non-print Environmental Education Materials*

We display state documents/brochures that we receive for people visiting the library.

### *Resource People are Available for Assistance*

Reference Librarians

# Federal Agencies

# U.S. Department of Agriculture

Forest Service (USFS)
Natural Resources Conservation Service (NRCS)

## U.S. Department of Agriculture (USDA)

**U.S. Forest Service**
**Wayne National Forest**
**13700 US Hwy 33**
**Nelsonville, OH 45764-9880**
**Phone: (740) 753-0101**
**Fax: (740) 753-0119**
**www.fs.fed.us/r9/wayne**

### *Key Contact*

Gary C. Chancey
Public Affairs Officer
Phone 740/753-0862
Fax 740/593-0118
Email gchancey@fs.fed.us
Web http://www.fs.fed.us/r9/wayne/

### *Overall Mission and Organization*

"Caring for the Land and Serving People" is the mission of the Forest Service. It is charged with managing National Forest System Lands.

### *Public Information/Public Affairs Office*

Yes

### *Major Customers/Audiences*

Forest visitors, youth and rural and urban communities.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

The Wayne National Forest has a lot of activities and learning opportunities that are perfect for parents and teachers. Kids and adults alike will love some of the interpretive sites around the Forest such as the Vesuvius Furnace. The Wayne National Forest has a rich history which can serve as a backdrop to teaching children about every subject from the Underground Railroad, to early transportation routes and covered bridges. The high biodiversity of the forest makes it an attractive destination for looking to learn about and appreciate wildlife. Watchable Wildlife Sites are marked along roads and highways, usually near brushy areas or wetlands, to help visitors identify areas with a high chance of viewing wildlife in their natural home.

Project Learning Tree (PLT), Tread Lightly, and various educational programs are offered through Ohio University Southern Campus Nature Center at Lake Vesuvius.

### *Environmental Education Resources for the General Public*

Project Learning Tree (PLT) in cooperation with ODNR Division of Forestry.
Tread Lightly on an informal basis

### *Environmental Education Resources for Regulated Community*

None

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

This is primarily done at Regional and National levels.

### *Career Education Services*

Shadowing
Mentoring
√ Career presentations to K-12 or higher education
Scholarships
Internships
√ One-on-one requests for information
Other

### *Print/Non-print Materials*

Smokey Bear, Woodsy Owl, Tread Lightly

### Resource People Available for Assistance

Foresters, botanist, hydrologist, archeologist, wildlife biologist, and fisheries biologist apply their expertise to resource management and are only available for assistance on a very limited basis.

## U.S. Department of Agriculture (USDA)

**Natural Resources Conservation Service (NRCS)**
**200 North High Street, Room 522**
**Columbus, OH 43215**
**Phone: (614) 255-2472**
**Fax: 614-255-2549**
www.oh.nrcs.usda.gov

***Key Contact***

Chris Coulon, Public Affairs Specialist
Phone: (614) 255-2471
E-mail: chris.coulon@oh.usda.gov

***Overall Mission and Organization***

"NRCS - Helping People Help the Land." Since 1935, the Natural Resources Conservation Service (originally called the Soil Conservation Service) has provided leadership in a partnership effort to help America's private land owners and managers conserve their soil, water, and other natural resources. NRCS employees provide technical assistance based on sound science and suited to a customer's specific needs. We provide financial assistance for many conservation activities. Participation in our programs is voluntary. We manage natural resource conservation programs that provide environmental, societal, financial, and technical benefits. We provide expertise in soil science and leadership for soil surveys and for the National Resources Inventory, which assesses natural resource conditions and trends in the United States.

***Public Information/Public Affairs Office***

The public affairs section responds to media and public information inquiries and provides information on programs and services offered by NRCS.

***Major Customers/Audiences***

- Ohio landowners and land managers, primarily agricultural producers.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

- S.K. Worm answers soils questions (K-12)
- Web Soil Survey – Digitized soils information (9-12, higher education)
- Backyard Conservation – Lesson plans and publications for backyard conservation (9-12)
- Conservation History – The Dust Bowl and formation of the NRCS. (7-12)

***Environmental Education Resources for the General Public***

- One-on-one conservation technical assistance provided to landowners.
- Farm Bill conservation programs offered to eligible landowners.

***Environmental Education Resources for the Regulated Community***

None (All program participation is voluntary)

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

Soil survey information for land use planners
Technical Standards and specifications
Field Office Technical Guide for conservation practices
National Engineering Handbook for construction practices relating to conservation

***Career Education Services***

√ Shadowing
√ Career presentations to K-12 or higher education
√ Internships
√ One-on-one requests for information

***Print/Non-print Materials***

On-line resources at our website www.oh.nrcs.usda.gov
Publications available from LANDCARE (1-888-LANDCARE) or http://landcare.sc.egov.usda.gov

### *Resource People Available for Assistance*

Soil scientists, biologists, hydrologists, conservationists, geologists, engineers, GIS specialists, agronomists, water quality specialists, and other resource managers apply their technologies in interdisciplinary teams to solve resource issues and problems upon request on a limited basis.

- Conservation planners
- Conservation engineers
- Geologist
- Hydrologists
- GIS Specialists
- Biologist
- Archeologist
- Grazing Specialists

# U.S. Department of Defense

U.S. Army Corps of Engineers (USACE)

US Army Corps
of Engineers
Great Lakes &
Ohio River Division

## U.S. Department of Defense

**U.S. Army Engineer Division**
**Great Lakes and Ohio River**
**550 Main Street, Room 10032**
**Cincinnati, OH 45202-3222**
**Phone: (513) 684-3192**
**Fax: (513) 684-2460**
www.lrd.usace.army.mil

**Key Contact -**

Dr. Michael A. Loesch, Natural Resources Management Specialist
E-mail: Michael.A.Loesch@usace.army.mil
Phone: (513) 684-3192
Fax: (513) 684-2460

**Key Field Office Contacts - District Offices Having Projects in the State of Ohio**
U.S. Army Engineer District, Buffalo
1776 Niagara Street
CELRB-CO
Mr. David J. Mitchell, Civil Engineer
Buffalo, New York 14207-3199
E-mail: David.J.Mitchell@usace.army.mil
Phone: (716) 879-4115
Fax: (716) 879-4357

U.S. Army Engineer District, Huntington
502 8th Street
CELRH-OR
Ms. Kimberly A. Barnett, Outdoor Recreation Planner
Huntington, West Virginia 25701-2070
E-mail: Kimberly.A.Barnett@usace.army.mil
Phone: (304) 399-5675
Fax: (304) 529-5167

U.S. Army Engineer District, Louisville
600 Dr. Martin Luther King, Jr. Place
P.O. Box 59
CELRL-OP
Ms. Denise Rouse, Natural Resources Management Specialist
Louisville, Kentucky 40202
E-mail: Denise.Rouse@usace.army.mil
Phone: (502) 315-6721
Fax: (502) 315-6918

U.S. Army Engineer District, Pittsburgh
1000 Liberty Avenue
William S. Moorhead Federal Building, Room 1834
CELRP-OR-TR
Mr. Robert L. John, Natural Resources Management Specialist
Pittsburgh, PA 15222-4186
E-mail: Robert.L.John@usace.army.mil
(412) 395-7177
Fax: (412) 644-4795

***Overall Mission and Organization***

The United States Army Corps of Engineers serves the Nation and the Army by:

- Providing a full spectrum of engineering and contingency support
- Responding to local, national, and global disasters
- Building and sustaining critical facilities for military installations and the public
- Creating synergy between water resource development and the environment
- Cleanup and restoration of local and regional ecosystems and hazardous material sites
- Managing and enhancing land, water, and wildlife resources on 456 public lakes
- Providing high quality family oriented water related recreational opportunities to the American public

The U.S. Army Corps of Engineers Great Lakes and Ohio River Division has six divisions:

- Business Technical Division
- Business Resource Division
- Business Management Division
- Civil Works Integration Division
- Military Integration Division
- Program Support Division

### *Public Information/Public Affairs Office*

**The Great Lakes and Ohio River Division Public Affairs Office**, and the Public Affairs Officers in each of the four Districts that operate within the State of Ohio oversee the Corps program for providing information to the public and news media. The PA staff prepares and distributes news releases to print and electronic media, prepares and reviews general interest publications and audiovisual products, and answers inquiries from news media and provides division-level coordination for several outreach efforts. The staff works closely with the Emergency Management Office of Operations Division to provide information to the news media as quickly as possible about hazards, natural disasters such as floods and earthquakes, and the role of the Corps of Engineers in dealing with those disasters. The PA staff also works closely with lake managers and rangers from the Operations Division Office in providing a wide range of interpretive and information outreach services to the general public and visitors to Corps operated and maintained lakes.

Contact Information: Ms. Jacqueline Ashmon, Public Affairs Officer, (513) 684-3010, Jackqueline.Y.Ashmon@usace.army.mil

### *Major Customers/Audiences*

Congress, Department of the Army and other Department of Defense Armed Services, news media, federal/state/local government and private organizations, scientists, educators, students, visitors to Corps operated recreation areas, and the general public.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

The Website http://www.corpslakes.usace.army.mil links to all Corps divisions and districts throughout the United States and provides a vast store of information to the public and educators on a wide variety of topics ranging from water safety to available recreation facilities, and from interpretive programs to making reservations at a Corps recreation area.

Websites at ERDC (Engineering Research and Development Centers (http://www.wes.army.mil) provide a wide range of research findings regarding many environmental, natural resource management, and recreation related issues. Several additional websites are currently being developed which will inform and educate members of the public and our lake visitors.
http://www.lrd.usace.army.mil Provides address to the division webpage and provides wide variety of information to LRD with links to seven district in the division
http://www.usace.army.mil Provides address to the national headquarters webpage which links to all Corps divisions and districts

### *Environmental Education Resources for the General Public*

See K-12 links above and http://Recreation.gov

### *Environmental Education Resources for the Regulated Community*

The U.S. Army Corps of Engineers participates in a wide range of cooperative programs that enhance an understanding of and safe use of the environment. Examples include:

- Wide range of water safety publications & programs
- Inland waterway river charts
- National and regional recreation brochures
- Wide range of specialized project brochures
- Wide range of specialized subject matter brochures on topics such as wildflowers, bird observation, trails, etc.
- Math and Science Initiative
- Operate 68 visitor centers in the Great Lakes and Ohio River Division & more than 250 agency wide
- National Memoranda of Understanding with a number of Federal agencies and public-private non-profit organizations
- Formal agreements with a number of public-private cooperating associations
- Outgrant partnering arrangements with state parks, wildlife and fisheries management agencies, and other state agencies
- Vast transfer of technology information through Engineer Research and Development Centers
- Large numbers of locally Ranger developed eco-meets and various interpretive programs covering a wide range of natural resources management, natural history, paleontology, archeology, history, environmental and scientific topics and issues
- Society of American Military Engineers
- Membership on a wide range of boards and commissions relating to research, science, and the environment
- Corps of Engineers activities related to American Indians
- Sponsoring of training sessions and development of training materials
- Cooperating effort with U.S. EPA to develop graphical interface database application for the Corps STORET system (water quality data database for all Corps operating projects).

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

See K-12 and Regulated Community resources above

### *Career Education Services*

- √ Corps/University Cooperative education employment program
- √ Various stay in school employment programs
- √ Intern program
- √ Career Day presentations to K-12 or higher education
- √ One-on-one requests for information and speaker bureau services
- √ Scholarships sponsored through Society of American Military Engineers
- √ Sponsoring School
- √ Interagency Personnel Agreement (exchange personnel between agencies for developmental assignments)

### *Print/Non-print Materials*

See above.
Corps of Engineers Prospect Training Courses and exportable training packages

### *Resource People Available for Assistance*

Many opportunities exist here - The Corps division, districts, lake, and navigation offices located throughout the state of Ohio have a wide range of scientific and interpretive specialists who can provide comprehensive services to assist customers. Telephone numbers are available in local directories and http://www.corpslakes.usace.army.mil

### *Pocket DVD on Environmental Careers Opportunities*

A free pocket DVD outlining environmental career opportunity with the U.S. Army Corps of Engineers is available from any of the agency contacts listed above or from any Corps of Engineers Public Affairs Office.

# U.S. Department of Homeland Security

U.S. Coast Guard

**U.S Department of Homeland Security**
**United States Coast Guard**
**Marine Safety Unit Toledo**
**420 Madison Avenue Suite 700, Toledo, OH 43604**
**Phone: (419) 418-6050**
**Fax: (419) 259-6374**
**Website: http://www.uscg.mil/d9/msuToledo/**

***Key Contact***

**Chief, Response Department**
E-mail: Jason.A.Michalczak@uscg.mil
Phone: 419-418-6023
Fax: 419-259-6374

***Overall Mission and Organization***

**Maritime Safety**: The Coast Guard is renown throughout the world as "America's Lifesavers;" prevention, founded on expert risk assessments to reduce the probability of mishaps, will be the watchword of the future, and advance technologies will continue to be embraced to increase the success of maritime safety and security measures.

**Maritime Mobility**: Charged with ensuring a safe, efficient, and effective marine transportation system, the Coast Guard regulates and inspects commercial and private vessels, licenses merchant mariners, manages waterways, and protects the security of America's ports. Our Aids to Navigation Program and Vessel Traffic Services help to ensure safe vessel movements.

**Maritime Security**: We are the only Federal law enforcement agency with jurisdiction in both U.S. waters and on the high seas for the enforcement of U.S. laws and treaties.

The U.S. Exclusive Economic Zone holds some 20 percent of the world's fishery resources and supports a commercial industry valued at more than $25 billion. The Coast Guard's boarding and inspections of both foreign- and U.S.- flagged fishing vessels have increased significantly in recent years and are critically important factors in helping to rebuild and maintain fish stocks at risk from over fishing.

***National Defense:*** We maintain a high state of readiness to function as a specialized service within the Navy and have command responsibilities for the U.S. Maritime Defense Zones. Moreover, its operational capabilities figure importantly in small-scale contingencies, humanitarian assistance efforts, maritime interdiction operations in support of United Nations sanctions, and port security in overseas theaters, as well as in other important military-operations-other-than-war (MOOTW) missions.

The US Coast Guard will offer unique, non-redundant, and complementary military capabilities to America's national defense needs.

***Protection of Natural Resources****:* The Coast Guard's prevention, enforcement, and response tasks in marine environmental protection help to reduce the amount of pollution entering America's and the world's waterways. Coastal tourism and marine recreation demand clean shorelines and marine environments. The Coast Guard's prevention of oil spills from all sources and activities saves nearly $6 billion each year in oil losses, cleanup costs, and environmental damage. When prevention and enforcement fail, however, the Coast Guard maintains a rapid response capability to contain and recover from pollution incidents. Three well-trained and well-equipped Coast Guard National Strike Teams – located on the East, Gulf, and West coasts – are at the ready to respond to major oil or other hazardous material spills in the inland waterways and coastal regions.

### *Public Information /Public Affairs Office*

Our Public Affairs Officer is the Executive Officer. MSU Toledo personnel are available to help the general public and are often liaisons between the community, industry, and other agencies. The Executive Officer will address the media in any event requiring an official statement. MSU Toledo personnel will only act within their capability and scope.

Contact information:

Please contact the XO through the office secretary.
Phone: 419-418-6001

Please contact the Duty Section at 419-418-6050.

### *Major Customers/Audiences*

The general public, Maritime Industry, and other Government Agencies are the main focus of our duties. We offer assistance to those in need, work alongside numerous industry, government and military colleagues, and advise, educate and correct those we enforce.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

**Coast Guard Auxiliary:** is a volunteer branch of the USCG. They offer educational information for a variety of ages including coloring/activity books, Boating Safety Classes, courtesy safety inspections and more. More information can be obtained through the website**:** http://a091.uscgaux.info/index.htm

**Crewmates & Classmates**: is a new program at MSU Toledo. This offers school children the opportunity to adopt our unit and "tag along," through presentations and email correspondence, with our members to pollution incidents and other duties. Please contact MSU Toledo for more information regarding this program.

### *Environmental Education Resources for the General Public*

**Sea Partners**: is an outreach and education program offered by the Coast Guard Auxiliary. The primary goal of this program is to educate communities and develop awareness of marine pollution issues. This will improve compliance with environmental protection laws and regulations. Some of the information covered includes: effects of oil, hazardous chemicals, waste and debris on the marine environment; how do environmental protection laws and regulations apply; actions to protect the marine environment.

For any other information please visit http://www.uscg.mil

### *Environmental Education Resources for the Regulated Community*

Along with our peers in other agencies, we hold multiple conferences and seminars on the environmental safety to aid in compliance with state and federal regulations, and facilitate commerce with industry. Education is very important for the continuing balance between safety, environmental protection, waterways management, and security ensuring the long-term success of the global maritime transportation system. The goal in preventing or responding to major marine incidents, regardless of cause, is the same: to save lives, preserve property, protect the environment, and minimize disruption to the maritime transportation system.

### *Environmental Education Resources for Other Agencies/Organizations and Constituents*

The Coast Guard offers training not only to other government agencies, but also to foreign governments. As a leader in marine safety and security, we take pride in helping other agencies and foreign governments. Information can be found at http://www.uscg.mil/tcyorktown/ FLETC also offers training. Please visit http://www.fletc.gov/

***Career Education Services***

Shadowing
Mentoring
Career presentations to K-12 or higher education
Scholarships
√ Internships
One-on-one requests for information
Other

***Print/Non-print Environmental Education Materials***

There are numerous pamphlets and videos available for education on topics available to the general public and industry. Some of the topics covered include: Storm Water Runoff, Boating Safety, Good Mates, Federal Requirements for Recreational Boats and etc. Contact the CG Auxiliary for more information. The Coast Guard also offers pamphlets on topics such as TWIC compliance, Helicopter Rescue and etc.

***Resource People Available for Assistance***

MSU Toledo personnel will assist in this aspect within their power and capacity.

# U.S. Department of Interior

National Park Service (NPS)
Office of Surface Mining, Reclamation and Enforcement (OSMRE)
U.S. Fish and Wildlife Service (USFWS)
U.S. Geological Survey (USGS)

## U.S. Department of the Interior

**National Park Service (NPS)**
**Cuyahoga Valley National Park**
**15610 Vaughn Road**
**Brecksville, OH 44141**
**Phone: (330) 657-2752 or (800) 445-9667**
**Fax: (440) 546-5989**
www.dayinthevalley.com
www.nps.gov/learn

***Key Contact***

Arrye R. Rosser, Interpretive and Education Specialist
E-mail: Arrye_Rosser@nps.gov
Phone: (440) 546-5992
Fax: (440) 546-5992

***Overall Mission and Organization***

The U.S. National Park System comprises almost 400 areas covering more than 83 million acres in 49 States, the District of Columbia, American Samoa, Guam, Puerto Rico, Saipan, and the Virgin Islands. These areas are of such national significance as to justify special recognition and protection in accordance with various acts of Congress. The National Park Service (NPS) cares for these special places saved by the American people so that all may experience our heritage.

There are seven NPS sites in Ohio. The largest is Cuyahoga Valley National Park (CVNP) which offers extensive educational programs in cooperation with several local non-profit partners.

### *Public Information/Public Affairs Office*

General inquiries can be sent to the office of a park's superintendent. At CVNP, address them to Cuyahoga Valley National Park, Superintendent, 15610 Vaughn Rd., Brecksville, OH 44141. The following is a list of NPS sites in Ohio with their main phone number and website.

- Cuyahoga Valley National Park, Brecksville, Ohio
  (330) 657-2752
  www.nps.gov/cuva/home.htm

- Hopewell Culture National Historical Park, Chillicothe, Ohio
  (740) 774-1126
  www.nps.gov/hocu

- James A. Garfield National Historic Site, Mentor, Ohio
  (440) 255-8722
  www.nps.gov/jaga

- Perry's Victory and International Peace Memorial, Put-In-Bay, Ohio
  (419)-285-2184
  www.nps.gov/pevi

- Dayton Aviation Heritage National Historical Park, Dayton, Ohio
  (937) 225-7705
  www.nps.gov/daav

- William Howard Taft National Historic Site, Cincinnati, Ohio
  (513)-684-3262
  www.nps.gov/wiho

- First Ladies National Historic Site, Canton, Ohio
  (330) 452-0876
  www.firstladies.org

### *Major Customers/Audiences*

The National Park Service strives to serve all Americans as well as foreign visitors. Its audiences include the general public, various formal and informal groups, schools, and partner organizations.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

National Park Service personnel work directly with educators to provide learning materials and experiences which are consistent with and accentuate existing curriculum requirements. While these resources are a result of a partnership between national park sites and neighboring school districts, the final products often have wider applications and provide a connection to national curriculum standards. NPS educational resources and programs are often part of the Parks as Classrooms or the Junior Ranger programs. For more information about these, visit www.nps.gov/interp/parkclass.html.

At CVNP, NPS staff work in cooperation with two primary partners to provide educational opportunities to visitors. Cuyahoga Valley Environmental Education Center (CVEEC) provides a four-day residential program for 4th - 8th grade classes, plus day programs for preschool to high school students, teacher workshops, on-line activities, and more. There is a published curriculum for the former called *All the Rivers Run*. Cuyahoga Valley Scenic Railroad offers several educational rides in spring and fall. To learn more about CVNP educational offerings and view our expanded online resources, visit www.nps.gov/cuva and click "For Teachers" and "For Kids."

The other NPS sites in Ohio focus primarily on cultural history themes, some of which directly relate to the environment. For example, Hopewell Culture National Historical Park interprets these prehistoric people's daily lives, contributions, perceived values, and dealings with other peoples and the environmental around them. The park published *People Who Came Before: The Hopewell Culture Curriculum Guide* for teachers. Contact parks individually for information about their current educational programs and resources.

### *Environmental Education Resources for the General Public*

All sites are open to the general public and provide a variety of information about the national significance of Ohio's natural and cultural resources. See the above contact information for more details.

### *Environmental Education Resources for the Regulated Community*

This is not a key role for NPS, but parks sometimes collaborate with businesses on grant-related projects. One way the CVNP encourages university research in the Cuyahoga Valley is through its support of Woodlake Environmental Field Station.

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

CVNP actively partners with other agencies on a variety of environmental issues. CVEEC hosts retreats and workshops for other agencies. CVNP staff often provide technical assistance to other agencies within the valley and the Ohio & Erie Canalway.

### *Career Education Services*

√ Shadowing (irregular)
Mentoring (irregular)
√ Career presentations to K-12 or higher education
√ Scholarships
√ Internships
√ One-on-one requests for information
√ Other (seasonal employment for students)

### *Print/Non-print Materials*

Information on many topics is available on our websites and in our publications.

### *Resource People Available for Assistance*

The human resources available through the National Park Service are extensive. For example, CVNP employs environmental educators, interpreters, law enforcement officers, planners, resource managers, maintenance staff, and others with technical expertise on environmental subjects. The historical sites in Ohio have smaller staffs that provide some of these functions also.

**U.S. Department of the Interior**

**Office of Surface Mining, Reclamation and Enforcement (OSMRE)**
**4605 Morse Road, Rm. 102**
**Columbus, OH 43230**
**Phone: (614) 416-2237 – not working**
**Fax: (614) 416-2248**
http://www.osm.gov/

***Key Contact***

Pat Murdock
Program Analyst
4480 Refugee Road, Room 201
Columbus, OH 43232
Phone 614/866-0578 - disconnected
Fax 614/469-2506
Email pmurdock@osmre.gov
Web www.osmre.gov

Terry Can Offeren
Deputy Chief of Administration and AML
Department of Natural Resources
Division of Mineral Resources Management (SRA)
2045 Morse Rd., Bldg. H-2
Columbus, OH 43229
Phone 614/265-1094
Email: terry.vanofferen@dnr.state.oh.us

***Overall Mission and Organization***

OSMRE, in cooperation with States and Indian Tribes, is responsible for protecting citizens and the environment during coal mining and reclamation, and for reclaiming mines abandoned before 1977. OSMRE also operates programs to: eliminate environmental and economic impacts of acid mine drainage from abandoned coal mines; encourage reforestation of reclaimed mine lands; develop techniques that

ensure reclamation of prime farmland soils; and publicly recognize outstanding reclamation by communicating the experience to others.

***Public Information/Public Affairs Office***

The **Office of Communications** generates and disseminates information about the agency to the general public. Contact: (202) 202-2719, GetInfo@osmre.gov

***Major Customers/Audiences***

ODNR Division of Mineral Resources Management, coal industry, citizens affected by coal mining, and environmental groups.

***Environmental Education Resources for K-12 and Higher Education Students and Teachers***

*Reclaiming the Land: The Story of Bringing Mined Lands Back To Life*, http://www.osm.gov/topic/edu/childworkbook.pdf

***Environmental Education Resources for the General Public***

***Environmental Education Resources for the Regulated Community***

We have a national technical training program for all of the state agencies who are responsible for mining and reclamation.

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

***Career Education Services***

Shadowing
Mentoring
√ Career presentations to K-12 or higher education
Scholarships
Internships
√ One-on-one requests for information
Other

### *Print/Non-print Materials*

See http://www.osmre.gov/. Additionally, annual reports on our agency's activities, pamphlets on abandoned mines, and pamphlets on the Appalachian Reforestation Initiative.

### *Resource People Available for Assistance*

Reclamation specialists, hydrologists, environmental protection specialists, physical scientists are available on a very limited basis.

**U.S. Department of the Interior**

**U.S. Fish and Wildlife Service (USFWS)**
**Columbus, OH 43230**
**Phone: (614) 416-8993**
**Fax: (614) 416-8994**
**http://www.fws.gov/midwest/ohio/**
**http://training.fws.gov/deo/**
**http://www.fws.gov/educators/**
**http://www.fws.gov/jobs/**

***Key Contact***

Mary Knapp, Field Office Supervisor and Melanie Cota, Fish and Wildlife Biologist
E-mail: Mary_Knapp@fws.gov and Melanie_Cota@fws.gov
Phone: (614) 416-8993

**Overall Mission and Organization:**

Our mission is working with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit to the American people.

USFWS Ecological Services Office:
For over 60 years Ecological Services has protected and restored fish, wildlife, plants and their habitats. Our roots trace back to the River Basins Program that reviewed Federal water development projects. Since 1945, Ecological Services' responsibilities have expanded to include reviews of most Federal construction projects, endangered species, environmental Contaminants and a variety of conservation partnerships and grants.

### *Public Information/Public Affairs Office*

None

### *Major Customers/Audiences*

Anyone who is interested in issues relating to wildlife and the conservation of natural resources.

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

The U.S. Fish and Wildlife Service's Ohio Field Office has an outreach or education program for every need! Based on availability, we are willing to present programs on natural resource-related topics for most groups or organizations. We often work with schools, government agencies, non-profit organizations, park districts, and professional organizations. We speak on a variety of topics, including threatened and endangered species, habitat, streams and wetlands, invasive species, and Ohio wildlife. Generally our presentations can include videos, slide presentations, hands-on activities, games, hand-outs, and "touchable" wildlife artifacts.

USFWS regularly participates with the Columbus Zoo to provide environmental outreach opportunities relating to wildlife

- USFWS participates in day camps teaching kids about the importance of the nature
- USFWS regularly participates in workshops, conferences, and various events relating to wildlife and natural resources. We have a variety of publications for outreach and education.

### *Environmental Education Resources for the General Public*

- The USFWS occasionally give presentations relating to the Endangered Species Act and FWS careers. Biologists frequently give presentations relating to endangered species and development such as wind power and mining. We are always looking for great volunteers to participate in environmental education and outreach opportunities!

\

*USFWS Private Lands Program in Ohio*:

Partners for Fish and Wildlife, Ohio
Phone: 614-469-6923 ext. 30
http://www.fws.gov/midwest/partners/ohio.html

Partners Program Objectives: A voluntary program designed to restore and enhance fish and wildlife habitat on private lands. Opportunities include: wetland restoration, native prairie restoration, stream restoration, migratory bird habitat, endangered species habitat, and invasive species control. Biologists in this program participate in educating the public on the importance of wildlife habitat.

*USFWS Refuges in Ohio:*

Ottawa National Wildlife Refuge
Phone: 419-898-0014
http://www.fws.gov/midwest/Ottawa/

Cedar Point National Wildlife Refuge
Phone: 419-898-0014
http://www.fws.gov/midwest/CedarPoint/

West Sister Island National Wildlife Refuge
Phone: 419-898-0014
http://www.fws.gov/midwest/WestSisterIsland/

Refuge Objectives: Restore optimum acreage to a natural floodplain condition, improve and restore wetland habitat, improve fishery and wildlife resources, provide for ecosystem biodiversity, provide public opportunities for outdoor recreation and environmental education
Ottawa NWF has a monthly calendar of educational events going on at the refuge.

*USFWS Law Enforcement Offices in Ohio:*

Delaware Law Enforcement Office
Phone: 740-368-0137
http://www.fws.gov/midwest/Delaware/

Sandusky Law Enforcement Office
Phone: 419-625-9713
http://www.fws.gov/midwest/Sandusky/

Law Enforcement Objectives**:** Protect and conserve native and foreign wildlife through the enforcement of federal laws. Promote and encourage voluntary compliance with federal wildlife laws through public education and the creation of a deterrent effect.

***Environmental Education Resources for the Regulated Community***

The USFWS does presentations for State and federal agencies as well as consultants and developers on the Endangered Species Act and the endangered species consultation process.

Federal Energy Regulatory Commission
U.S. Army Corps of Engineers
Federal Communication Commission
Office of Surface Mining
U.S. Environmental Protection Agency

***Environmental Education Resources for Other Agencies, Organizations and Constituents***

Federal Agencies of Ohio
State Agencies of Ohio
Nationwide/International Contacts
Non-Profit Organizations of Ohio

***Career Education Services***

Shadowing
Mentoring
√ Career presentations to K-12 or higher education
Scholarships
√ Internships
√ One-on-one requests for information
√ Other –Volunteers

**Print/Non-print Environmental Education Materials**

The USFWS has a variety of publications for all ages relating to endangered species and fish and wildlife resources.

***Resource People are Available for assistance***

Biologists, Volunteers

## U.S. Department of the Interior

**United States Geological Survey, Ohio Water Science Center**
**6480 Doubletree Ave**
**Columbus, OH 43229-1111**
**Phone: 614-430-7700 (general office number)**
**Fax: 614-430-7777**
**Web address: http://www.usgs.gov (general) or http://oh.water.usgs.gov (Ohio Water Science Center)**

### *Key Contact*

Stephanie Kula
Biologist
E-mail: spkula@usgs.gov
Phone: 614-430-7739
Fax: 614-430-7777

### *Overall Mission and Organization*

The USGS serves the Nation by providing reliable scientific information to describe and understand the Earth; minimize loss of life and property from natural disasters; manage water, biological, energy, and mineral resources; and enhance and protect our quality of life.

### *Public Information Office*

The USGS Office of Communications is located in our headquarters office in Reston, Virginia, near Washington DC.

**Visibility, Voice, and Value**
Our mission is to help make USGS science widely known, sought out, and relied upon by the public and decision-makers at all levels. With expertise in congressional affairs, public affairs, internal communications, and web communications, the Office of Communications provides the bureau with proactive, targeted communication guidance and support to keep all of our audiences, from our own employees to the White House, informed about USGS activities, programs, and research.

Contact: Barbara Wainman,
Director Office of Communications
USGS HQ – DO
12201 Sunrise Valley Drive, Mail Stop 119
Reston, VA 20192-0002
Phone: 703-648-5750
Fax: 703-648-4466
Email: bwainman@usgs.gov

***Major Customers/Audiences***

Congress, news media, federal/state/local government and organizations, scientists, educators, students, and the general public

***Environmental Education Resources for K-12 and Higher Education Students and Teachers, the General Public and the Regulated Community***

We provide links to formal and nonformal education programs and publications on our Ohio Water Science Center Web page, http://oh.water.usgs.gov/education.htm and the main USGS Web page, http://education.usgs.gov/

Science Partnerships and Opportunities Web page at http://www.usgs.gov/aboutusgs/working_with_us/partnerships.asp

- Biology Partnerships
- Connections: Partnerships in Science
- Contract and Grants Information
- Partnerships - Working Together to Build the National Map
- Domestic Memorandums of Understanding with other Federal Agencies or Entities
- Technology Transfer Information
- USGS Activities Related to American Indians and Alaska Natives
- USGS and Fish & Wildlife Service: Future Challenges

***Career Education Services***

| | |
|---|---|
| | Shadowing |
| √ | Mentoring |
| √ | Career presentations to K-12 or higher education |
| | Scholarships |
| √ | Internships |
| √ | One-on-one requests for information |
| √ | Other |

**Print/Non-print Materials**

See above

***Resource People Available for Assistance***

On this Web page the USGS list a variety of email or Web page contacts, http://walrus.wr.usgs.gov/ask-a-geologist/.
Two popular services are called ASK-A-GEOLOGIST (or email - Ask-A-Geologist@usgs.gov ) and ASK-A-BIOLOGIST. Also, field offices, such as the Ohio Water Science Center, can supply scientists to assist customers with questions.

# U.S. Environmental Protection Agency

**U.S. Environmental Protection Agency, Region 5**
77 W. Jackson Blvd.
Chicago, IL 60604
Phone: 800-621-8431
Fax: 312-886-0617
Web address: www.epa.gov/region5/enved

Key contact: Megan Gavin

Environmental Education Coordinator
Address (if different than above): 77 W. Jackson Blvd. (AT-18J)
E-mail: gavin.megan@epa.gov
Phone: 312-353-5282
Fax: 312-385-5525

***Overall Mission and Organization***

The U.S. EPA Mission is to protect the environment and human health.
The U.S. EPA Environmental Education Mission is to advance and support education efforts that develop an environmentally conscious and responsible public and inspire personal responsibility in caring for the environment.
More information can be found at: http://epa.gov/enviroed/aboutus.html

***Public Information /Public Affairs Office***

U.S. EPA Region 5's Office of Public Affairs is comprised of a press team, Web developers, graphic artists, write/editors, a library and a hotline staff.

Contact Information: Anne Rowan, Acting Director, U.S. EPA Office of Public Affairs, 77 W. Jackson Blvd., P19J, Chicago, IL 60604 (312) 353-9391
Rowan.anne@epa.gov

### *Major Customers/Audiences*

### *Environmental Education Resources for K-12 and Higher Education Students and Teachers*

- Grants Program: Administer an annual competitive environmental education grants program in which grants are awarded to state agencies, non-profit groups, schools and universities, and tribal organizations to support environmental education (EE) programs and projects. For more information, visit www.epa.gov/region5/enved/grants.html

- Free Resources: EPA Region 5 provides a variety of resources to educators, students, and the general public. You can receive free publication, curricula, posters, etc. from our office, Order resources on-line at http://epa.gov/region5/enved/orderpublications.html

- Youth Awards Program: Administer an annual competitive President's Environmental Youth Award program which recognizes the environmental efforts and accomplishments of students in grades K-12. For more information, visit www.epa.gov/peya

- Partnerships: Participate in local and state partnerships to advance environmental education. For example, U.S. EPA□s EE program manager serves in an advisory capacity to many states in the Midwest and shares information and models to advance EE programs. For more information, contact Megan Gavin gavin.megan@epa.gov

- National Training Program: U.S. EPA administers a national training program that delivers quality environmental education training and related support services to education professionals. In October 2000, EPA awarded money to the University of Wisconsin-Stevens Point to administer the next training program which will still be called the Environmental Education and Training Partnership and works with many of the same key partners to extend high quality training and capacity building in the environmental education community. For more information, see http://www.epa.gov/enviroed/educate.html

- Formal and Nonformal Educator Training: Regionally, the EE program participates with partners to support and offer teacher training workshops on a number of environmental topics.

### *Environmental Education Resources for the General Public*

EPA's Environmental Education program addresses its mission by working closely with environmental education providers in states and localities who then reach out and serve the general public directly. Through EPA's environmental education grants program, monies are awarded to nonprofit organizations and state and local

agencies who then create and implement public education programs. Other divisions within EPA like the Air Division administer public outreach programs, also.

### *Environmental Education Resources for the Regulated Community*

None through the Environmental Education program; however, EPA has many compliance assistance programs to the regulated community including to small businesses, small communities, etc. For more information, visit www.epa.gov

### *Environmental Education Resources for Other Agencies, Organizations and Constituents*

Through Interagency Agreements (IAG) that are awarded on a national level, EPA works with other federal agencies to advance environmental education. Two examples include: an IAG with the U.S. Fish and Wildlife to offer national training on the National Guidelines for Excellence program at USFW's National Training Center in Shepardstown, West Virginia. Another IAG between EPA and several federal land management agencies like the Bureau of Land Management and the National Park Service, supports the national project, "Hands on the Lands," an effort to enhance public education efforts at national parks.

### *Career Education Services*

Career presentations to K-12 or higher education
One-on-one requests for information

### *Print/Non-print Materials*

As of late, the Agency has not focused on curriculum development and instead supports the dissemination of existing materials because so much already exists in the environmental education field.

There is a great emphasis lately on developing Web-based materials. For more information on the electronic interactive materials being developed, visit EPA's Kids page at www.epa.gov/kids;
Students Page at www.epa.gov/students; and Teachers page: www.epa.gov/teachers. All sites are subject to a review process for educational and technological soundness before they are linked to EPA's education pages.

We send limited copies of environmental education materials. The order form can be found at: http://epa.gov/region5/enved/orderpublications.html

### *Resource People Available for Assistance*

In the area of environmental education, it is primarily the responsibility of the environmental education program manager, and assistance ranges from grant development, to curriculum development, to teacher education, to programs in educational technology, etc.  Depending on the nature of the request, many other Agency employees are called upon to lend assistance.