

WEB SITE RESOURCES FOR ENVIRONMENTAL EDUCATION



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The following list was compiled by the USFWS, National Conservation Training Center's Division of Education Outreach with help from many FWS staff. As with all web site information, they do change over time. We want to include your site and materials too. Send information and resource updates to Juanita_Gustines@fws.gov. This list available in electronic format at <http://library.fws.gov> 06/2010

1. Environmental Education Resources - General

EE- Link

<http://eelink.net/pages/EE-Link+Introduction>

Provides and organizes Internet resources to support, enhance and extend effective EE in grades K-12.

EETAP Resource Library

<http://www.eetap.org/>

University of Wisconsin – Stevens Point
College of Natural Resources
Stevens Point, WI 54481
(715) 346-4958

The Environmental Education and Training Partnership (EETAP) is a consortium of leading education organization and institutions working to build high quality, sustainable, coordinated and comprehensive EE program across the United States. Funded by EPA’s Office of EE.

Copy of the **Environmental Education Information Providers Directory created by EETAP** is available in PDF format at <http://eelink.net/eetapresourcelibrary.html>

Council for Environmental Education

<http://www.councilforee.org/>

Council for Environmental Education (CEE), who created Project WILD and Project WET and Flying Wild.

My Environmental Education Evaluation Resource Assistant (MEERA)

<http://meera.snre.umich.edu>

Provides evaluation resources for formal and non-formal environmental educators. Current offerings include professionally selected and reviewed “how-to” guides and other resources for evaluating environmental education programs as well as a discussion forum. Future offerings will include searchable examples of evaluations of environmental education programs.

GreenCOM Strategic Environmental Communication

<http://www.aed.org/Projects/GreenCOM.cfm>

GreenCOM helps USAID missions and developing country partners motivate people to practice environment-friendly behaviors.

Eisenhower National Clearinghouse

<http://www.goENC.com>

Identifies effective curriculum resources, creates high-quality professional development materials, and disseminates useful information and products to improve K-12 mathematics and science teaching and learning.

ENC Learning Inc.
1275 Kinnear Road
Columbus, OH 43212
1-800-471-1045

Educational REALMS

<http://www.stemworks.org>

Has replaced ERIC Clearinghouse with limited resources in science, mathematics and EE.
1929 Kenny Road
Columbus, OH 43210-1080
614-292-6717
614-292-0263 (fax)

North American Association for Environmental Education

<http://www.naaee.org>

Since 1971 the Association has promoted EE and organizations dedicated to improving education. Use link to locate the EE Guidelines and other publications from the National Project for Excellence. (See also EPA and EELink sites for these same publications.)

410 Tarvin Road
Rock Spring, GA 30739
706-764-2926

National Environmental Directory Project

<http://www.environmentaldirectory.net/search.htm>

Missoula, MT 59807

Creates regional environmental directories, which together form a comprehensive national database.

National Environmental Education Advancement Project

<http://www.uwsp.edu/cnr/neeap/>

Provides information on the status of State-level EE.

Second Nature

<http://www.secondnature.org>

Helps colleges and universities expand their efforts to make environmentally sustainable and just action a foundation of learning and practice.

EIC - Using the Environment as an Integrating Context for Learning.

(State Education and Environment Round Table) www.seer.org

National Environmental Education Foundation (NEEF)

<http://www.neefusa.org/>

Classroom Earth Website

www.classroomearth.org

As students are starting a new school year and educators are preparing lesson plans, I wanted to remind educators, parents, after-school providers, nature center directors, etc. of a website called Classroom Earth. ClassroomEarth.org is a free website with key information on how educators can obtain the best and most usable environmental education programs available today. It is a veritable "best of the best" collection of environmental education programs and resources for K-12 teachers, parents, and students.

Classroom Earth

<http://www.classroomearth.org/>

Free Environmental Education Support Site for America's Teachers and Home Schoolers

Environmental Protection Agency's Office of Environmental Education

<http://www.epa.gov/enviroed/resources.html>

Materials Available from EPA's Web site:

1. "EE Materials: Guidelines for Excellence" – guidelines for developing and evaluating EE materials.
2. "EE Materials: Guidelines for Excellence - The Workbook" – a self-guided workbook that teaches individuals how to effectively use the materials guidelines.
3. "Excellence in EE – Guidelines for Learning (K-12)" – guidelines for learner performance and achievements in K-4th, 5-8th, and 9-12th grades and for using EE as a means for meeting standards set by the traditional disciplines.
4. "Excellence in EE: Guidelines for Learning (K-12) Executive Summary & Self Assessment Tool" – summarizes the learner guidelines and provides a self-assessment checklist for determining the degree to which curricula and programs meet these guidelines.
5. "Guidelines for Excellence: The Initial Preparation of Environmental Educators" – guidelines for what educators need to know to effectively teach EE.
6. "Evaluating the Content of Web Sites: Guidelines for Educators" – guidelines to help educators evaluate the quality and usefulness of web sites for educational purposes.
7. "Evaluating the Structure of Web Sites: Guidelines for Educators" – guidelines to help educators communicate to web designers the needs of their users to improve the educational effectiveness of the site.
8. "EE Collection: A Review of Resources for Educators, Volumes 1, 2, and 3."
9. "Environmental Education Toolbox" - a collection of publications for educators who conduct EE teacher in-service programs on topics such as designing effective workshops, integrating EE into the school curriculum, approaching environmental issues in the classroom, urban EE, and using community resources.

* "Guidelines" materials are also available through eelink and NAAEE web sites.

Days in the Country

<http://www.ditc-eef.org>

The mission of DITC-Environmental Education Foundation is to bring environmental awareness through education to all, particularly eight to twelve year olds who bear the future responsibility for the stewardship of our environment and passing on their knowledge to future generations.

Children's Environmental Literature

<http://www.dnr.state.wi.us/org/caer/ce/ee/teacher/pdf/Literaturelist.pdf>

2. Education Standards and Terms

Education Standards Sites

U.S. Department of Education

Start at:

1) U.S. Department of Education's Education Resources Organization Directory:

<http://wdcrobcolp01.ed.gov/Programs/EROD/>

2) Select a state

3) Select link: State Education Agency/State Department of Education

4) Select State Education Agency's URL

5) Search using any combination of these terms (Each state is different)

- Curriculum Content Instructional
- Frameworks Standards Mandates

- Guidelines Initiatives Benchmarks
- Goals and Objectives

Education World

National and State Standards

<http://www.educationworld.com/standards/>

Education Terms

Association of Supervision and Curriculum Development

<http://www.ascd.org/>

North Central Regional Educational Laboratory

Glossary of Education Terms and Acronyms

<http://www.ncrel.org/sdrs/areas/misc/glossary.htm>

3. Electronic Newswires, Discussion, and Listserves

Ed Gateway

<http://www.edgateway.org>

Offers educators and their organizations the ability to find, organize, and share events, discussions, organizational information and documents.

PEN Weekly Newsblast

PEN@publicEducation.org

PEN NewsBlast is a free weekly e-mail newsletter featuring school reform and school fundraising resources. The PEN NewsBlast is the property of the Public Education Network, a national association of 8 local education funds working to improve public school quality in the low-income communities nationwide. To subscribe or unsubscribe, visit

<http://www.PublicEducation.org>

NAAEE EE News

www.eelink.net/ee-news-signup.html

WestEd

www.wested.org/

EETAP Updates

www.eetap.org/

FWS VOICES (Open to FWS employees only)

To subscribe contact Kathy Sholl at Kathy_Sholl@fws.gov your VOICES moderator.

A FWS listserv that has bi-monthly postings. It is brought to you by the National Conservation Training Center's Division of Education Outreach. Moderated by Kathy Sholl, Training

Technician. By subscribing to this listserve, you can submit information or questions for posting to FWS folks on this list. All postings are synthesized and compiled by Moderator.

FWS OUTREACH Listserve (Open to FWS employees only)

To subscribe, post information or questions to FWS folks on this list serve, contact Anita at **Anita_Nogera@fws.gov**.

Created to facilitate discussions among the many people dealing with outreach. Everyone interested in outreach and inreach in the Service is invited to subscribe. Managed by Anita Noguera, National Outreach Coordinator, this listserve is not moderated.

FWS IMBD Listserve (Open to FWS employees only)

To subscribe, send an e-mail to FWS-IMBD-request@lists.fws.gov with "subscribe" in the subject line. Managed by Jennifer Wheeler, the Service's IMBD Coordinator, at IMBD@fws.gov or 703-358-2318. This service was created to facilitate communication among folks involved in IMBD activities, and receives the greatest traffic January-May. It serves as a forum for ideas, announcements, reminders, recognitions, and other information relevant to IMBD. Open to all (within and outside the Service); not moderated.

Conservation and Environmental Education Connections (CEEC) (Open to everyone)

The U.S. Fish and Wildlife Service National Conservation Training Center's Division of Education Outreach has prepared a directory of listserves. This directory serves only moderators from federal and state agencies and nongovernmental organizations involved with conservation and environmental education professionals. It will be a tool you can use to share professional development opportunities with other moderators of listserves targeted for conservation and environmental education professionals. Your announcements may include training courses, workshops, conferences, temporary work details, materials, books, etc. Contact the Division of Education Outreach at 304-876-7956. **To subscribe:** <https://www.fws.gov/lists/listinfo/ceec>

4. Non-government Organization Environmental Education Resources

(This list is vast, so we have just given you a few as samples. Please use eelink and specific search words for topic, organization, grades, etc. to locate others.)

Adopt Your Watershed: <http://www.epa.gov/adopt/>

Boy Scouts of America: <http://www.scouting.org>

Definitions Project: <http://www.definitionsproject.com/definitions/index.cfm>

Earth Force: <http://www.earthforce.org/>

4-H: <http://www.4-h.org/>

Girl Scouts of America: <http://www.girlscouts.org>

Give Water A Hand: <http://www.uwex.edu/erc/gwah>

National Fish and Wildlife Foundation/Conoco Phillips: <http://www.birdiq.com>

National Wildlife Federation: <http://nwf.org>

Natural Resources and Environmental Management: <http://www.nrem.net>

Project Learning Tree (PLT): <http://www.plt.org/>

Project WET: <http://www.projectWET.org>

Project WILD: <http://www.projectwild.org/>

Recreation Boating & Fishing Foundation: <http://www.rbff-education.org>

StreamTeam Program: www.StreamTeam.net
Student Conservation Association: <http://www.thesca.org>
World Wildlife Fund: <http://www.wwf.org>
YMCA Earth Service Corps: <http://www.ymcaearth.org/>

5. Government Agency Environmental Education Resources

EPA (Environmental Protection Agency): <http://www.epa.gov>
1. EPA's Office of Environmental Education <http://www.epa.gov/enviroed>
2. EPA's Federal Task Force on EE <http://www.epa.gov/enviroed/ftfee.html>
Mission of Task Force: To coordinate, publicize and promote the federal government's environmental education program and the resources available through the various participating agencies. (The task force includes the following agencies plus others. Contact Drew Burnett, at (202) 564-0448 brunett.andrew@epa.gov)

NRCS (Natural Resource Conservation Service): <http://www.nrcs.usda.gov/>

USDAFS (Forest Service): <http://www.fs.fed.us/>

BLM (Bureau of Land Management): <http://www.blm.gov/education>

NPS (National Park Service): <http://www.nps.gov/index.htm>

USFWS (United States Fish and Wildlife Service): <http://www.fws.gov/>
USFWS Washington Office – Law Enforcement: <http://www.fws.gov/le/>
USFWS Atlanta Regional Office – Law Enforcement: <http://www.fws.gov/southeast/law>
USGS (United States Geological Survey): <http://education.usgs.gov/>
USFWS Environmental Education edition of the Endangered Species Bulletin - www.fws.gov/endangered/bulletin.html

6. FWS - EE Resources for Teachers and Students

<http://www.fws.gov/sssp/>

Provides extensive information on shorebirds and on the Shorebird Sister School program. Has a link for kids. Available in English, Spanish, Portuguese, Japanese and Russian.

<http://www.fws.gov/endangered/kids/index.html>

Provides numerous activities for kids, (puzzles, games, etc.) plus a link to teacher material.

<http://training.fws.gov/>

Provides a catalog of training and lists of other events provided through the FWS National Conservation Training Center

<http://training.fws.gov/>

Front page of National Conservation Training Center's Web site provides weekly updates on news at the U.S. Fish and Wildlife Service's premier training and distance learning education center in Shepherdstown, West Virginia, including environmental education updates from its Division of Education Outreach.

<http://library.fws.gov/>

Provides links to numerous online publications of FWS, links to lots of other libraries and literature search capabilities including the FWS NCTC library.

<http://library.fws.gov/Publications.html>

Provides links to numerous FWS publications most of which are targeted at adults.

<http://www.fws.gov/digitalmedia>

Provides links to numerous photos, works of art, slide shows, endangered species information plus links to Park Service and Bureau of Land Management collections.

<http://www.fws.gov/digitalmedia>

Provides hundreds of images of various wildlife species. All images are available for public use.

<http://www.fws.gov/info/art.html>

Provides links to images of all the Federal Duck Stamps, to some of the Louis Agassiz Fuertes and Robert Savannah art collections plus links to other sources of wildlife art.

<http://distancelearning.fws.gov/>

Provides a schedule of events plus information on how to participate in NCTC distance learning events.

<http://training.fws.gov/history/index.html>

Provides links to numerous discussions of the history of conservation as well as links to copies of historical documents.

<http://www.fws.gov/who/exhibits.html>

Provides links to numerous educational exhibits dealing with wildlife history, biology and other resource related issues and art.

<http://www.fws.gov/species>

Provides PDF and HTML fact sheets on numerous species plus links to other sources.

<http://www.fws.gov/invasives/>

Provides general invasive species information plus links to other sources.

<http://www.fws.gov/migratorybirds/>

Provides a good question and answer presentation on shorebirds with photos and links to other sources.

<http://www.fws.gov/volunteers>

Provides information on how individuals and groups can do volunteer for work on National Wildlife Refuges. Gives information on types of activities one might participate in and provides an application form.

<http://www.fws.gov/refuges/history/index.html>

Provides information on the history of the National Wildlife Refuge System, as well as a listing and description of threatened and endangered species.

<http://ga.water.usgs.gov/edu>

United States Geological Survey Water Science for Schools. Tones of information, questionnaires, maps and pictures about water use information in your home, city and nation.

<http://www.fws.gov/angered/kids/>

You and your school: What can you do to help conserve rare, threatened, and endangered species and their habitats? You will find Fact Sheets in .pdf format, How to Tips, Habitat Restoration, and Data Gathering.

<http://www.fws.gov/birds/IMBD>

Provides resources for celebrating International Migratory Bird Day, including to the on-line catalog for IMBD materials and support materials for the annual theme.

<http://www.fws.gov/birds/Education.htm>

Provides links to the Service's Education materials on birds.

<http://www.fws.gov/juniorduck/>

The Federal Junior Duck Stamp Conservation and Design Program is a dynamic arts curriculum designed to teach wetlands and waterfowl conservation to students in kindergarten through high school.

<http://www.fws.gov/educators/educators.html>

For formal and non-formal educators. This website includes curriculum resources and activities, community service projects, professional development opportunities, background information, and contacts and other links.

<http://www.fws.gov/letsgooutside/>

The U.S. Fish & Wildlife Service's '*Let's Go Outside*' website offers resources which promote outside activities and interaction with our natural world. The site targets three audiences, **kids**, **parents**, and **educators**, and provides each with an array of information to encourage getting outdoors.

<http://www.fws.gov/neighborhoodexplorers/>

The Fish and Wildlife Service has a fun way for you to discover new things about your own neighborhood! It's a game you play on your computer first, then go outside and discover what you learned about.

<http://library.fws.gov/booklists/booklistK-12climatechange.pdf>

Grades K-12: Books about Climate Change and Global Warming

7. FWS – EE People and Programs

Fish & Wildlife Service Environmental Education Resources (partial list)
June 10, 2010

National Office for FWS

Division of Refuges

U.S. Fish and Wildlife Service

Division of Refuges

4401 N. Fairfax Drive, Room 670

Arlington, VA 22203
(703) 358-2029 Fax: (703) 358-1826

**National Office for FWS
Migratory Bird Program**

U.S. Fish and Wildlife Service
Migratory Bird and State Programs
4401 N. Fairfax Drive, Mail Stop MBSP
Arlington, VA 22203
(703) 358-1769

Division of Migratory Bird Management
Julie St. Louis (703) 358-1824 -- Education and Outreach
Jennifer Wheeler (703) 358-2318 -- International Migratory Bird Day Coordinator
- Educational & Promotional Materials on Birds, including pamphlets, fact sheets, posters

Division of Bird Habitat Conservation
Beth Jackson (703) 358-2073 - Junior Duck Stamp Program Coordinator

Region 1-Environmental Education Resources

USFWS
External Affairs
911 N.E. 11th Ave
Portland, OR 97232-4181
(503) 231-6120

USFWS
Federal Aid
911 N.E. 11th Ave
Portland, OR 97232-4181
(503) 231-6123

Programs: Environmental Education and Outreach (Endangered Species Jeopardy Game, A Field Guide to Outreach)

Region 1, External Affairs
911 N.E. 11th Ave
Portland, OR 97232-4181
(503) 231-2251

Programs: Environmental Education, Cargo For Conservation Kits, Event Coordination Assistance, Displays, Handouts, Audio/Video and technical assistance, Social Media, Public Affairs and Outreach.

In the Field: Carson and Spring Creek National Fish Hatcheries and the Lower Columbia Fish Health Center
61552 SR 14
Underwood, WA 98651
(509) 493-2934

Programs: Salmon in the Classroom in area schools, Fin Bin education trunks with educator resource guides, Fishing Technologies Learning Trunk, Lewis and Clark Learning Trunk, hatchery field trips, Columbia River Kid's Day Camp, Columbia River Teacher Workshop, variety of in class lessons about salmon art, salmon anatomy and current salmon issues, youth events, partner with other agencies in stream adoption for local schools, special events and county fairs, outreach partnership with Friends of Northwest Hatcheries, annual Open Houses and Kid's Fishing Days for National Fishing Week, Migration Golf miniature golf course.

In the Field: Columbia National Wildlife Refuge
735 E. Main St.
Othello, WA 99344
(509) 488-2668

Programs: Audubon Refuge Keepers (ARK) program for elementary schools in Othello, Warden, Royal City, Moses Lake, and Ephrata. School presentations on Columbia NWR including Powerpoint presentation and Discovery Tables (mounted birds, bird nests, and touch table) and Refuge tours including bus tour and learning stations (plants, birds/binoculars, water study). FlyingWILD children's activities at the Othello Sandhill Crane Festival, self-guided interpretive trails, and coloring books.

In the Field: Deer Flat NWR
13751 Upper Embankment Road
Nampa, ID 83686
(208) 467-9278 Email: deerflat@fws.gov

Programs: Interactive environmental education programs offered at the refuge or at schools; monthly Scout Day; Reading at the Refuge preschool story time; 10 traveling trunks can be borrowed for up to 2 weeks each; and summer and winter day camps. Two annual events include BioBlitz Festival in summer and Creepy Critter Encounters in late October. Facilities include Visitor Center with Kidspace activity area and auditorium, self-guided nature trail, and historical interpretive Centennial Trail at Upper Dam and Environmental Education Building for rent at Lower Dam. Coordinate Idaho Federal Junior Duck Stamp Program.

In the Field: Dworshak National Fish Hatchery
4147 Ahsahka Rd., P.O. Box 18
Ahsahka, ID 83520
<http://www.fws.gov/dworshak/education.html>
(208) 476-4591

Programs: Hatchery in the Classroom program in area schools, Fin Bins with educator resource guides, Hatchery field trips, teacher workshops for Project WET and Idaho Water Camp, Lewis and Clark related programs, outreach partnerships with communities and local agencies for Environmental Awareness Days, Forestry Tours, and other youth events, outreach partnership with Friends of Northwest Hatcheries, annual Kids' Fishing Day in support of Take Me Fishing Program sponsored by Dworshak NFH.

In the Field: Grays Harbor National Wildlife Refuge
100 Brown Farm Road
Olympia, WA 98516

(360) 753-9467

Programs: "Grays Harbor Shorebird Education Guide" with in-class on on-site activities. Classroom presentations by staff and volunteers. Field trip assistance. Shorebird Education Trunk available for check-out. Shorebird Festival Poster Contest and Shorebird Festival Fun Fair.

In the Field: Hanford Reach National Monument/Saddle Mountain NWR
3250 Port of Benton Blvd.
Richland, WA 99352
(509) 371-1801

Programs: Shrub Steppe resource cards for teachers, developing Shrub-steppe Bird Calls CD ROM, Shrub-steppe Slide show, Annual Train the Teachers Workshop.

In the Field: Kauai National Wildlife Refuge Complex
P.O. Box 1128
Kilauea, HI 96754
(808) 828-0762
(808) 828-1413

Programs: Educator workshops, field trips, traveling trunk for classroom presentations, lending library, Hawaiian plant and animal activity sheets, distance education programming.

In the Field: Kealia Pond National Wildlife Refuge
P.O. Box 1042
Kihei, HI 96753
(808) 875-1582

Programs: Guided field based programs led by Hawaii Nature Center.

In the field: Kilauea Point National Wildlife Refuge
P.O. Box 1128
Kilauea, HI 96754
(808) 828-1413

Programs: Guided field activities for students, educator materials and workshops.

In the Field: Leavenworth National Fish Hatchery Complex
12790 Fish Hatchery Rd.
Leavenworth, WA 98822
(509) 548-7641

Programs: *Nasikelt River Discovery Program* (www.fws.gov/leavenworth/)
Nasikelt River Discovery Program is a joint effort of the Leavenworth National Fish Hatchery Complex, U.S. Fish and Wildlife Service and the Wenatchee/Okanogan National Forests, U.S. Forest Service to coordinate a diverse menu of natural resource education opportunities for schools in the North Central Washington area. Curriculum workshops, learning models, discovery boxes, guided hatchery and winter life snowshoe tours, Junior Fish Biologist Program, special events for National Fishing and Boating Week and home of the award winning Kids in the Creek Program and Wenatchee River Salmon Festival.

In the Field: Little White Salmon National Fish Hatchery
56961 SR14
Cook, WA 98605

(509) 538-2755

Programs: "The Fish Hatchery Next Door"-an educator's guide (an Oregon Dept. of Fish and Wildlife publication), Project SHARE (salmonid hatchery awareness & resource education), salmonid environmental education programs- (hatchery and aquatic related)

In the Field: Nisqually NWR
100 Brown Farm Rd.
Olympia, WA 98516
(360) 753-9467

Programs: "Where the River Meets the Sound" Educator Guide with on-site activities and pre-and post field trip activities. Environmental Education Center with exhibits and activities. Teacher-led field trips with assistance by volunteers. Field trip orientation workshops for teachers. Lending library. Federal Junior Duck Stamp state coordination.

In the Field: Oahu National Wildlife Refuge Complex
65-590 Kamehameha Hwy, Suite 2C
Haliewa, HI 96712
(808) 637-6330

Programs: Guided field programs for thousands of students each year conducted by private, non-profit educational organizations.

In the Field: Oregon Coast NWR Complex
2127 SE OSU Drive
Newport OR 97365
(541) 867-4550

Programs: Earth Stewards, Field Trips, In-class presentations on refuges and endangered species, Shorebird Sister Schools Program (coming soon).

In the Field: Oregon State Office
2600 S.E. 98th Ave., Suite 100
Portland, OR 97266
(503) 231-6179
Information and Education Specialist

In the Field: Pacific Island - External Affairs Division
Box 50088
Honolulu, HI 96850
(808) 541-2749

Programs: Shorebird Sisters School Program, facilitates and coordinates field based educational programming throughout the Pacific.

In the Field: Ridgefield NWR
301 N 3rd Avenue.
Ridgefield, WA 98642
Assistant Hatchery Manager
(360) 887-4106

Programs: Educator workshops, teacher-led field trips, educator guide

In the Field: Tualatin River National Wildlife Refuge
19255 SW Pacific Hwy
Sherwood, OR 97140
www.fws.gov/tualatinriver
(503) 625-5944

Programs: "Open Your Eyes to Wildlife" educator's guide for K-8 students. Teacher workshops on refuge curriculum. Periodic workshops for teachers with "English Language Learners" (ELL/ESL). Educator-led field trips on one-mile nature trail with 5 study sites. Specialty field trip equipment provided. Environmental Education Laboratory with lessons led by volunteer naturalists. Lessons align with Oregon State standards.

In the Field: Willamette Valley National Wildlife Refuge Complex
26208 Finley Refuge Road
Corvallis, OR 97333
(541) 757-7236

Programs: Special events at all three Refuges (William L. Finley, Ankeny and Baskett Slough) highlighting Refuge resources, on-site and off-site educational programs, community outreach events

In the Field: Willapa NWR
3888 SR 101
Ilwaco, WA 98624
(360) 484-3482

Programs: Classroom nature programs given at area schools. Science stations field trip in the spring for 4th graders. Interpreter lead birding walks.

Region 2-Environmental Education Coordinator

USFWS, Refuges & Wildlife
P.O. Box 1306
Albuquerque, NM 87103

Outdoor Recreation Planner (505) 248-6635

Environmental Education and Boy and Girl Scout Coordinator (505) 248-6484

Programs: Completing CD ROM for middle school age youth on habitat management.

In the Field: Aransas NWR
P.O. Box 100
Austwell, TX 77950
(361) 286-3559

In the Field: Bitter Lake NWR
4065 Bitter Lake Road
Roswell, NM 88201
(505) 835-1828

In the Field: Bosque del Apache NWR
P.O. Box 1246
Socorro, NM 87801

(505) 835-1828
Programs: Naturalist training program, Bosque education curriculum

In the Field: Imperial NWR
P.O. Box 72217
Yuma, AZ 85365
(928) 783-3371

In the Field: Las Vegas NWR
Route 1 Box 399
(505) 425-3581 ext 201

In the Field: Phoenix ES
2321 W. Royal Palm Rd. Suite 103
Phoenix, AZ 85021
(602) 640-2720

Programs: 15 min. video re: Partners for Wildlife program occurring on land with endangered species, endangered species outreach information specific to AZ, Mexican Wolf and California Condor Program info.

In the Field: Salt Plains NWR
Route 1 Box 28
Jet, OK 73749
(580) 626-4794

In the Field: Sevilleta NWR
P.O. Box 124
Socorro, NM 87801
(505) 864-4021

In the Field: Texas Mid-Coast NWR Complex
1212 N. Velasco, Suite 200
Angleton, TX 77515
(979) 849-7771

Programs: We offer field trips and tours for both Brazoria and San Bernard NWR, and can arrange for special programs for organizations within a reasonable distance. All these activities are available for both schools and other organizations, depending on staff availability. Events include Family Day at Brazoria NWR in the fall and Migration Celebration at San Bernard NWR in the spring. Our school field trips involve several thousand students annually. Both refuges are open daily from sunrise to sunset for self-guided tours.

In the Field: Tulsa ES
222 S Huston, Suite A
Tulsa, OK 74127
(918) 581-7458

Programs: Outreach Specialist, conduct teacher training, projects & scouts

In the Field: Wichita Mountains NWR
Route 1. Box 448

Indianhonia, OK 73552

(405) 429-3221

Programs: Educator materials, active Cameron University partnership and intern program, environment ed. curriculum, Project WET, WILD, Learning Tree training, campgrounds available for 2-3 day training courses, field trips.

Region 3-Environmental Education Coordinator

USFWS, Federal Building

1 Federal Drive

Fort Snelling, MN 55111-4056

EE Coordinator (218) 736-0938 Fax (218) 736-0941

Endangered Species Outreach Coordinator (612) 713-5337

Programs: Endangered Species

In the Field: Minnesota Valley NWR

3815 E. 80th St.

Bloomington, MN 55425

(612) 854-5900

Programs: Wetland Trunk-on loan, Wolf Trunk, Tall Grass Prairie Trunk, Prairie Discovery Trunk Watchable Wildlife Patch and works sessions for youth groups, *Watching Wildlife*, A Skills Workshop.

In the Field: Neal Smith NWR Prairie Learning Center

P.O. Box 399

Prairie City, IA 50228

(515) 994-2415

Programs: *Project Bluestem* Prairie/Savanna curriculum and extensive school programs, Summer programs, Iowa Corps and *Project Bluestem* Teacher training programs, Traveling Song Bird, Prairie, and Elk Trunks, Endangered Species Trunk and program, Scout and Brownie Badge programs, Eagle Scout projects, Refuge is the designated State Coordinator for Jr. Duck Stamp program, Iowa Student Environmental Coalition program, Volunteer and Stewardship program.

In the Field: Prairie Wetlands Learning Center

602 State Highway 210

Fergus Falls, MN 56537

(218) 736-0938

Programs: Environmental education and interpretation programs focus on the prairie pothole region, with programs available for all ages year round. Curriculum-based environmental education programs are provided to grades K-12; programs are field-based, grade-level specific, and support National Science Education Standards and Minnesota Science Standards. A partnership between the USFWS and the ISD 544, the Prairie Science Class, brings 100 5th grade students to the Learning Center two hours daily for an integrated, field-based study of the prairie wetlands environment. Preschool programs, adult programs, and programs for youth or community organizations are handled on a request basis. Residential programs and facilities are also available year round for extended environmental education opportunities. Training sessions are offered in environmental education

program development, methods and resources; a variety of trainings are also conducted throughout the year in topics relating to prairie wetlands ecology and wildlife management. Educational trunks are available for loan on a variety of topics. College internships in environmental education are available spring, summer, and fall.

In the Field: Sherburne NWR
17076 293rd Ave
Zimmerman, MN 55398
(763) 389-3323

Programs: Oak savanna curriculum, Prairie Discovery Trunk for loan, Wetland Trunk for loan, snowshoes available, teacher training.

In the Field: Shiawassee NWR at Green Point Environmental Learning Center
6975 Mower Road
Saginaw, MI 48601
(989) 759-1669

Programs: Environmental education and interpretation programs available for all ages, year round. Mostly a wetlands-based curriculum, summer programs for preschoolers, school and teacher workshops. Trunks available for loan: Shorebirds, Songbirds, Cargo for Conservation (illegal wildlife trade), Michigan Natural Resources, Prairie Discovery, Wetlands Discovery and Wolf Wonders

In the Field: Tamarac National Wildlife Refuge
35704 County Hwy 26, Rochert, MN 56578
(218) 847-2641

Programs: Refuge staff & volunteers conduct interpretive and environmental education programs for a variety of ages year round. Educational programs for schools support Minnesota graduation standards in science, history and social studies. Refuge related wildlife and habitat issues are the focus of these programs including grey wolf, beaver, migratory birds and forests. Materials for teacher led programs are available including insects swoop nets, mammal furs and more. Wildlife survey data is available for use in math classrooms. Educational programs are offered by request to youth and civic groups.

In the Field: Trempealeau National Wildlife Refuge
W28488 Refuge Road, Trempealeau, WI 54661
(608) 539 2311 ext 16

Programs: Refuge staff & volunteers conduct interpretive and environmental education programs for a variety of ages year round. Educational programs for schools support Wisconsin graduation standards in science, history and social studies. Refuge related wildlife and habitat issues are the focus of these programs including sand prairie, migratory birds and bottomland forests. Materials for teacher led programs are available including fur trunks, macro invertebrate studies, binoculars, spotting scopes, insects swoop nets, mammal furs and more. Educational programs are offered by request to youth and civic groups. Canoes and kayaks can be made available for classrooms. Multi-agency annual River Education Day held in May.

In the Field: Upper Mississippi River National Wildlife and Fish Refuge Headquarters
51 E. 4th Street, Winona, MN
(507) 494-6216

Savanna District
7071 Riverview Road, Thomson, IL 61285
(815) 273-2373 ext 16

LaCrosse District
555 Lester Ave, Onalaska, WI 54650
(608) 783-8403

McGregor District
Box 460, McGregor, IA 52157
(564) 873-3423 ext 14

Programs: Refuge staff & volunteers conduct interpretive and environmental education programs for a variety of ages year round. Educational programs for schools support Minnesota, Iowa, Wisconsin and Illinois graduation standards in science, history and social studies. On-site curriculum-based EE activities available for the Thomson Prairie in Thomson, Illinois. Refuge related wildlife and habitat issues are the focus of these programs including prairie, migratory birds and bottomland forests. Materials for teacher led programs are available including GPS units, digital cameras, fish printing, fur trunks, macro invertebrate studies, binoculars, spotting scopes, insects swoop nets, mammal furs and Let's Go Outside backpacks. Wildlife survey data is available for use in math classrooms. Educational programs are offered by request to youth and civic groups. Canoes and kayaks can be made available for classrooms. Multi-agency annual River Education Day held in May.

Region 4-Environmental Education Coordinator

USFWS, External Affairs
1875 Century Blvd
Atlanta, GA 30345
(404) 679-7293

In the Field: Alligator River NWR
P.O. Box 1969
Manteo, NC 27954
(252) 473-1131

Programs: EE activities, Red Wolf Curriculum, Wings Over Water festival

In the Field: Archie Carr NWR
1339 20th Street
Vero Beach, FL 32960
(772) 562-3909 x258

Programs: Evening sea turtle walk programs for teachers in June and July.

In the field: Asheville Ecological Services Field Office
160 Zillicoa St.
Asheville, NC 28801
(828) 258-3939
<http://www.fws.gov/asheville/>

Programs: Youth programs: macroinvertebrate sampling and water quality investigation with grades 7-12, endangered species and the importance of habitat with grades 3-6, and identifying and treating sources of water pollution, grades 6-9; water quality educator workshops; Toe River Valley Festival; curricula offered – Exotic Invasive Plants of Southern Appalachian and Teacher’s Guide to the Threatened and Endangered Species and Ecosystems of Tennessee.

In the Field: Black Bayou Lake NWR/ North Louisiana Refuges Complex
11372 Hwy 143
Farmerville, LA 71241
(318) 387-1114

Programs: Offer on-site curriculum-based EE activities, teacher workshops, school and other group fieldtrips. Have collaborated with Monroe City Schools on a webpage filled with curriculum resources and lesson plans featuring refuge resources. www.mcschools.net/mcs/black_bayou_files.

In the Field: Ding Darling NWR
1 Wildlife Dr.
Sanibel, FL 33957
(941) 472-1100 x237

Programs: Has an agreement with Lee County School. This school system has the largest EE program in country. They have their own EE teachers but use the Refuge extensively for their outdoor classroom

In the Field: Mississippi Ecological Services Field Office
(601) 321-1129

Programs: Adult and children programs are offered by request. Programs provided include biodiversity, backyard wildlife habitat, endangered species, migratory birds, Private Eye nature detectives, wetlands and more. Interactive classroom programs correlated to state standards. Facilitate Teacher/Educator workshops for CEUs. Assist the MS Envirothon, MS Bear Group, MS Bat Group, Jackson Audubon Society, Clinton Community Nature Center, Greenville Cypress Preserve, and Master Gardeners with education efforts. Celebrate Endangered Species Day and International Migratory Bird Day with refuges and conservation partners. Also lead educational activities and/or set up information and education booths/tables at special events throughout the state. Conduct two summer camps for kids at Millsaps College - Birding Camp and Private Eye Nature Detectives.

In the Field: Okefenokee NWR
2700 Suwannee Canal Road, Folkston, GA 31537
Education Coordinator (912) 496-7836
<http://www.fws.gov/okefenokee>

Programs: On-site curriculum-based education programs; off-site programs available for local community; Discovery Packs available at Visitor Center; pre- and post-visit activities on website; teacher workshops; programs available for all ages; new

education classroom; Junior Refuge Manager Activity Guide; GATOR Notes refuge listserve for educators, and guided motorboat and canoe tours; several special events including International Migratory Bird Day, Earth Day/National Wildlife Week Celebration, Banks Lake NWR Youth Fishing Derby, Okefenokee Festival, Cane Grinding Demonstration, National Public Lands Day clean-up, Photography workshops, Christmas on Chesser Island; Visitor Center with exhibits and award-winning film.

In the Field: Panama City Field Office-ES and Fisheries
612 June Ave
Panama City, FL 32405
(850) 769-0552

Programs: K-5 Save our Area Resources (Soar) curriculum guide, teach teachers; endangered species, wetlands, and environmental conservation

In the Field: Pelican Island NWR
1339 20th Street
Vero Beach, FL 32960
(772) 562-3909 x258

Programs: EE partnership with Pelican Island Elementary School through the Nature of Learning Grant administered by NFWF. Partnership includes visits to the Refuge by each class with EE activities incorporated and completion of an on-the-ground Refuge project by the 2nd and 5th grade classes. Annual Pelican Island Wildlife Festival coordinated by the Pelican Island Preservation Society to celebrate wildlife conservation and the anniversary of the establishment of Pelican Island.

In the Field: Reelfoot NWR
4343 Hwy 157
Union City, TN 38261
(731) 538-2481

Programs: EE/interpretive activities for K- Adult, visitor center, exhibits, refuge and eagle tours, Junior Ranger Program, Backyard Habitat Stewardship Workshop, Waterfowl/Raptor Traveling Trunk, Waterfowl Festival, Spring Heritage Days, Reelfoot Lake Eagle Festival, Annual Kid's Fishing rodeo, volunteer program for both day and resident volunteers, extensive partnerships with schools, universities, and area Boy /Girl Scouts (Eagle Projects).

In the Field: St. Catherine Creek NWR
P.O. Box 217
Sibley MS 39165
(601) 442-6696

Programs: EE Activities, Wild Things Festival, Natchez Birding Festival, 2nd Saturday tours/activities, Volunteer program for both day and resident volunteers, self guided nature trail, Photography Workshops

In the Field: St. Marks NWR
P.O. Box 68
1255 Lighthouse Road
St. Marks, FL 32355
(850) 925-6121

www.fws.gov/saintmarks

www.stmarksrefuge.org

Programs: Extensive interactive hands-on environmental education programs for toddlers to Sr. Citizens, offered both on and off-site. Programs for schools are correlated to Sunshine State Standards. Scout troops are welcome. Pre and post visit materials, Jr. Ranger Program, Teacher workshops, self guided nature trails, visitor center, youth photo contest, Wildlife Heritage and Outdoor Festival in Feb. Annual Free Kids Fishing Clinic in the spring, Coastal Clean Up in September, and Monarch Festival in October. Environmental Education Specialist on staff.

In the Field: Sewee Visitor/Environmental Education Center
5821 Highway 17N
Awendaw, SC 29429
(843) 928-3368

Programs: Two EE classrooms, developed curriculum through a partnership with local school district - Earth Stewards-5th graders

In the Field: Southeast Louisiana Refuges:
Bayou Sauvage, Big Branch Marsh, Bogue Chitto, Breton, Delta, Atchafalaya, Bayou Teche, and Mandalay NWR's.
61389 Hwy. 434
Lacombe, LA 70445
(985) 882-2000 or toll free at (866)-554-6319

Programs: On-site curriculum-based EE activities at Bayou Sauvage and Big Branch Marsh, classroom visits, summer nature camp, Jr. Ranger Program, Refuges a la Carte environmental education resources, Federal Jr. Duck Stamp competition, visitor center, Youth Wildlife Art Competition, self-guided nature trails and boardwalks, Wild Things festival (Lacombe), Youth Fishing Event (Bogue Chitto), LA Black Bear and Birding Festival (Bayou Teche), Beach Sweep (Bayou Sauvage and Big Branch Marsh), Step Outside Day (Atchafalaya), seasonal interpretive canoe tours, volunteer Work/Play Days.

In the Field: Wheeler NWR, Visitor Center
2700 Refuge Headquarters
Decatur, AL 35603
(256) 350-6639

Programs: Teacher workshops, school group presentations, exceptional relationship with surrounding communities.

Region 5-Environmental Education Coordinator

USFWS, Refuges
300 Westgate Center Drive
Hadley, MA 01035
(413) 253-8498, (413) 253-8468 (fax)
www.fws.gov/northeast

In the Field: Aroostook NWR

P.O Box 554
97 Refuge Road
Limestone, ME 04750
207-328-4634

Programs: Annual Children's Fishing Derby, Envirothon, School presentations and tours

In the Field: Blackwater NWR
2145 Key Wallace Drive
Cambridge, MD 21613
(410) 228-2677

Programs: Annual events with educational programs, activities, and demonstrations for youth include: Youth Fishing Derby, Eagle Festival, Refuge Open House, and the Friends of Blackwater Open House.

Environmental Education Programs: Field trips upon request for all educational groups. Guided tours of visitor center and Wildlife Drive, educational films, interpretive trail walks, marsh habitat exploration with emphasis on food chains, bird watching, and other programs tailored to meet specific needs for educators and Scouts. Special programs conducted in spring for 6th Grade classes include invasive species education and GPS activity. Special programs conducted in fall for 4th Grade classes include marsh exploration and predator/prey game. Bird walks and nature walks conducted several times each spring and fall. Outreach programs to schools and other organizations upon request. Annual participation in training and testing of local Envirothon teams.

Refuge educational facilities are also available to educators for self-conducted programs.

Other opportunities for youth: Special youth hunts for deer and spring turkey.

In the Field: Bombay Hook NWR
2591 Whitehall Neck Road
Smyrna, DE 19977
(302) 653-6872

Programs: Field trips for public, private, and home school groups, environmental education workshops for teachers, adult seminars and educational programs, demonstrations, and special events are scheduled throughout the year. Annual Boys and Girls Club fishing event, the migratory bird festival, Boy Scout (including Eagle Scout projects) and Girl Scout programs are held on the refuge. Off-site programs are provided for schools, Scout and Cerebral Palsy camps, Senior Centers, assisted living homes, libraries, and civic organizations.

In the Field: Canaan Valley NWR
HC 70, Box 200
Davis, WV 26260
(304) 866-3858

Programs: Field trips for public, private, and home school groups, lots of interpretive programs for the public, occasional adult seminars, demonstrations, and special events are scheduled throughout the year. Many Field trips are in partnership with the Friends of the 500th and Tucker County Connections. Traveling exhibits are taken to Mt.

State Forest Festival, Hooked on Fishing Not on Drugs expo, Tucker County Fishing Derby. Southern Boreal Bird Festival, in partnership with Canaan Valley Resort State Park is held the first weekend in June each year.

In the Field: Chesapeake Bay Field Office
(410) 573-4500

Programs: Schoolyard Habitat Program: Technical assistance and printed resources on restoring habitat on schoolyards.

In the Field: Chincoteague NWR
P.O. Box 62
Chincoteague, VA 23336
(757) 336-6122

Programs: Extensive EE program. Structured educational programs are available for schools, youth groups, universities, elderhostels, and professional groups. Teacher workshops are also offered throughout the year. The Herbert H. Bateman Educational Center includes exhibits and information about the refuge resources. Information available on Fish and Wildlife Service's Shorebird Sister Schools Program.

In the Field: Craig Brook National Fish Hatchery
306 Hatchery Road
East Orland, ME 04431
(207) 469-6701 x215

Programs: E. Peter Steenstra, Education/Outreach, edward_steenstra@fws.gov
Hatchery tours, visitor center with living stream, amphitheater for presentations, 135-acre conifer and mixed hardwood forest with 2-mile nature trail, two picnic areas, on and off-station year-round interpretive presentations regarding endangered Atlantic salmon and short-nosed sturgeon, watershed habitat education, Salmon-in-Schools program with in-classroom egg incubation tanks and spring stocking of river-specific Atlantic salmon fry, Charles G. Atkins Archives, Friends of Craig Brook NFH Atlantic Salmon Heritage Museum, two boat launch sites, arts in the Fisheries with the sculpture "The Leaper" by George Motycka.

In the Field: Eastern Neck NWR
1730 Eastern Neck Road
Rock Hall, MD 21661
(410) 639-7056

Programs: Annual Youth Fishing Derby, annual owl prowl, youth turkey hunt education programs upon request include but are not limited to topics such as: horseshoe crabs, waterfowl, history of Eastern Neck Island, marsh habitats, hawks & eagles, Delmarva fox squirrel and a kayak trail along the shores of Eastern Neck Island.

In the Field: Eastern Shore of Virginia National Wildlife Refuge
5003 Hallett Circle
Cape Charles, Virginia 23310
Phone: 757-331-2760
Fax: 757-331-3424

Programs: Refuge staff, volunteers and Virginia Master Naturalists lead environmental

education curriculum based programs for grades to K- 12 and adults. We offer guided wildlife observation interpretive programs throughout the year. Enjoy the Refuge on our wildlife observation nature trail, marsh overlook, butterfly trail and gardens. Interact with our state of the art Visitor Center and theatre. The refuge is a photographer and birder's paradise. There are special events all year round. Canoe and kayak launch and boat ramp facility on site.

In the Field: Erie NWR
11296 Wood Duck Lane
Guys Mills, PA 16327
(814) 789-3585

Programs: Education kits, including lessons plans and props, are available for teachers and youth group leaders to lead their students in activities on the refuge. Subjects include Wetlands, Forests, and Migratory Birds. Family Discovery Packs may be borrowed while on the refuge which include binoculars, guide books, games, magnifying lenses, and first aid kits. Self directed badge programs include the "Nature Explorer" and "Let's Go Birding" patches. Individuals complete 10 activities while on the refuge and earn an embroidered patch and certificate. In the Visitor Contact Station, interactive displays are on hand, as well as library books and a variety of videos/DVDs.

In the Field: Great Falls Discovery Center (Silvio O. Conte NFWR)
2 Avenue A
Turners Falls, MA 01376
(413) 863-3221

Programs: Extensive EE programs including teachers' workshops and site specific field trip activities. Interpretive programs and numerous special events scheduled and advertised. Varied partnerships associated with outreach and education throughout the 11,000 square miles within the Connecticut River Watershed.

In the Field: Great Swamp NWR
241 Pleasant Plains road
Basking Ridge, NJ 07920
(973) 425-1222

Programs: Swamp in a Box is an educational trunk that includes 2 videos & classroom information on the Great Swamp National Wildlife Refuge and the National Wildlife Refuge System to be used when preparing students for a field trip to the refuge or when a visit is not possible.

In the Field: Green Lake National Fish Hatchery
1 Hatchery Way
Ellsworth, ME 04605
(207) 667-9531

Programs: Hatchery tours, visitor interpretive areas, 129 acres conifer forested, on and off-station year-round presentations on diadromous species, endangered sea-run Atlantic salmon and short-nosed sturgeon, watershed habitat education, Salmon-in-Schools program with classroom incubation systems and river-specific stocking.

In the Field: Gulf of Maine Coastal Ecosystems Program
4R Fundy Road

Falmouth, ME 04105

(207) 781-8364

Programs: Environmental education as a tool to promote and implement restoration initiatives in Gulf of Maine Watershed. Target outreach audiences: state conservation groups, land trusts, town planners, fishing groups, watershed assoc. and land use decision makers.

In the Field: Harrison Lake National Fish Hatchery

11110 Kimages Road

Charles City, VA 23030

(804) 829-2421

Programs: Hatchery tours and on-site presentations on restoration efforts for anadromous fishes and freshwater mussels of the Chesapeake Bay drainage; field trips for public, private, and home school groups; cooperative environmental education workshops for children and adults done with partners (i.e. Virginia Commonwealth University, Chesapeake Bay Foundation, James River Association); seasonal visitor center (April-October); cooperative Schools-in-Schools program with classroom incubation systems for American shad (April-May); 90-acre public fishing lake with fishing piers, boat ramp, and picnic area; 1.5-mile nature trail through mature riparian forest; designated stop on the Virginia Birding and Wildlife Trail; designated youth fishing ponds stocked with catfish; free Annual Youth Fishing Day and Open House (first Saturday in June); host for special camping/fishing events for youth groups; Boy Scout (including Eagle Projects) and Girl Scout events/programs are held at the hatchery.

In the Field: Iroquois National Wildlife Refuge

1101 Casey Road

Basom, NY 14013

(585) 948-5445

Programs: Field trips can be scheduled by schools, scouts and other groups. Off-site programs can be arranged with local schools. A partnership with Canisius Colleges called the Canisius Ambassadors for Conservation program, provides specially trained Canisius College students to accompany school groups at the Refuge and serve as hosts throughout the day. The program includes a guided walk to explore a flooded woodland habitat on Swallow Hollow Nature Trail which will include field-based exercises. After lunch groups will play conservation games and view exhibits in the Refuge visitor contact station to reinforce what they saw in the field. The cost of bussing can be covered through a grant from the Friends of Iroquois NWR, Inc.

In the Field: John Heinz NWR at Tinicum

8601 Lindbergh Blvd

Philadelphia, PA 19153

(215) 365-3118

www.fws.gov/heinz

Programs: Extensive Environmental Education Program. In-service and Pre-service educator workshops. Partnerships with area schools, school districts, and universities integrating refuge field trips to the curriculum. State coordinator for the Jr. Duck Stamp contest. Annual photography contest and Thru the Lens program. Site specific lesson plans developed by volunteers and staff posted on the refuge's

website. Schoolyard Habitat resource assistance to area schools. Resource Library for educators and refuge visitors. Loaner program for binoculars, fishing rods, and interpretive backpacks. Cusano Environmental Education Center contains interpretive displays and is an example of a GREEN building. Weekly interpretive walks led by volunteers. Special events scheduled throughout the year. Local artist display area. Ten miles of nature trails (including wheelchair access), boardwalks, fishing pier and "micro adventures programs" Free to the public.

In the Field: Long Island National Wildlife Refuge Complex:
360 Smith Rd.
P.O. Box 21
Shirley, NY 11967
Phone (631) 286-0485
Fax (631) 286-4003
Email longislandrefuges@fws.gov

Programs: Talks and guided nature walks/environmental education available at Target Rock, Wertheim and Morton Refuges; we host a teacher training workshop in August.

In the Field: Missisquoi NWR
371 North River Street
Swanton, VT 05488
(802) 868-4781

Programs: Missisquoi National Wildlife Refuge is the state receiving site for the Federal Junior Duck Stamp Conservation and Design Contest. Visit <http://duckstamps.fws.gov/junior/junior.htm> to learn more. Field trips for school groups, adult seminars and educational programs, demonstrations, and special events are scheduled throughout the year.

In the Field: Moosehorn NWR
103 Headquarters Road, Suite 1
Baring, Maine 04694
(207) 454-7161

Program: Annual Children's Fishing Derby, Down East Spring Birding Festival, Annual Boy Scout Camporee, Bart the Eagle Presentations. Various field trips (including class room presentations) are provided to school groups, higher educational establishments, Scouting organizations, and special events. Visitors are also welcome to participate with the Woodcock and Waterfowl banding programs (space and time permitting).

In the Field: Northeast Fishery Center
P.O Box 75
308 Washington Ave
Lamar, PA 16848
570-726-4247

Programs: Annual Children's Fishing Day, School and community groups presentations and tours

In the Field: Parker River NWR
6 Plum Island Turnpike
Newburyport, MA 01950
(978) 465-5753

Programs: Field trips for school groups, adult seminars and educational programs, demonstrations, and special events are scheduled throughout the year.

In the Field: Patuxent Research Refuge
National Wildlife Visitor Center
10901 Scarlet Tanager Loop
Laurel, MD 20708
(301) 497-5898

Programs: State-of-the-art exhibits that demonstrate the value of wildlife research; wildlife conservation tram tours (seasonally); teacher workshops (MD State Dept. of Education credit available), educator workshops include: K-12 site orientation and guides that link to state and national curricula, Project Wild, Project Learning Tree, Ecological Concepts, WOW! Wonders of Wetlands, Conservation on Canvas; K-12 field trips, Environmental education pavilion and education study areas; outreach and partnerships with local schools; Program Links to Boy and Girl Scout badge requirements, Scout workshops; MD Federal Junior Duck Stamp Competition and exhibits; interpretive programs for the general public; special events; Bayscapes, butterfly gardens and schoolyard habitat demonstration areas; temporary exhibits and displays.

In the Field: Potomac River NWR Complex, Elizabeth Hartwell Mason Neck NWR, Occoquan Bay NWR
14344 Jefferson-Davis Highway
Woodbridge, VA 22191
(703) 490-4979

Programs: **Potomac River NWR** The Complex partners with Prince William County and Fairfax County School Systems to provide sites for conducting environmental education field experiences, data collection and teacher field training. Current emphasis is middle school and high school levels of learning. Monthly interpretive programs are offered for the general public, schools and homeschoolers either through the refuge staff or through the Friends of the Potomac River Refuges. A migratory songbird banding station is operated from April through the end of May. The Complex has currently expanded learning opportunities through 4H and the Virginia Tech School of Forestry.

Elizabeth Hartwell Mason Neck National Wildlife Refuge: Opportunities for Fairfax County schools to conduct research and general environmental education studies in closed portions of the refuge. A covered shelter is available for use by the schools. Permits are required for all school or group visits. Topics for environmental discussion: invasive plants, bald eagle, great blue heron, migratory songbird nesting, environmental advocacy, accessibility, George Mason, white-tailed deer, Elizabeth Hartwell.

Occoquan Bay National Wildlife Refuge: Prince William County School System utilizes the Painted Turtle Pond Environmental Study Area with adjacent wetlands for conducting the Wonders of Watersheds middle school curriculum. Prince William County School System media center (PWNet) has conducted filming on site for the Monarch Live broadcasts. Monarch tagging takes place from July through September. A migratory songbird banding station is operated on Saturday and Sunday mornings and two weekday mornings, from April through May. The station is open to the public. The general public, students and

groups are welcome to observe the banding process. Call ahead for current operating schedule. Groups of 10 or more should call ahead to arrange for the visit. In May, Living Classrooms Nation's Capital conducts American shad fry releases with schools from Northern Virginia. The Virginia Department of Game and Inland Fisheries hosts a Generations white-tailed deer hunt in December, providing classroom instruction and field experiences for youth 12 to 16 years. Permits are required for all school or group visits. Topics for environmental discussion: invasive plants, native grasses, habitat management, songbird banding, birding, watershed, youth outdoor activities, health and outdoor activities, monitoring, coyotes, white-tailed deer, Woodbridge Research Facility, monarch butterfly, American shad/fisheries, bird migration.

In the Field: Prime Hook NWR
11978 Turkle Pond Road
Milton, DE 19968
(302) 684-8419

Programs: Field trips for public, private, and home school groups, adult seminars, educational programs, demonstrations, and special events are scheduled throughout the year.

In the Field: Rappahannock River Valley National Wildlife Refuge
336 Wilna Road
Warsaw, VA 22572

Programs: Kids Fishing Day, offered annual during the first Saturday in June. Rappahannock Wildlife Refuge Friends work with refuge staff to host annual events including International Migratory Bird Day and National Wildlife Refuge events each spring and fall. Summer interns and Refuge staff at Rappahannock NWR offer annual environmental education programs throughout the year.

In the Field: Rhode Island National Wildlife Refuge Complex
50 Bend Road
Charlestown, RI 02813
(401) 847-5511

Programs: Refuge offers a science-based curriculum on coastal habitats and threatened and endangered shorebirds such as plovers and teacher workshops. The refuge also coordinates the Federal Junior Duck Stamp program for Rhode Island and provides programs for scout groups to earn conservation badges.

In the Field: Southwestern Virginia Field Office
U.S. Fish & Wildlife Service
330 Cummings Street
Abingdon, VA 24210
(276) 623-1233

Programs: Limited presentations on aquatic conservation and printed resources.

In the Field: Stewart B. McKinney National Wildlife Refuge
733 Old Clinton Rd.
Westbrook CT 06498
(860) 399-2513

Programs: Refuge staff conduct environmental education and interpretation programs for a variety of ages. The refuge staff work with local Boy and Girl Scout troops to

provided environmental education based on badge curricula. The refuge partners with the State of Connecticut University System to offer environmental education to grade school students, Middle and High school students and college students on the refuge's Outer Island Unit. The refuge partners with the Norwalk Seaport Association to offer local school groups wildlife photography classes. The refuge also provides opportunities for overnight environmental education on the refuge's Calf Island Unit. The refuge partners with the Potapaug Audubon to host the Walk on The Wildlife Side event each fall.

Region 6-Environmental Education Coordinator

USFWS, Refuges & Wildlife
P.O. Box 25486, Denver Federal Center
Denver, CO 80225
(303) 236-4392

Programs: Responding to a need to develop a coordinated effort for serving the environmental education needs of the Denver metro area schools, the Scientist in the Schools program was formed in 1986. The "scientists" are staff in the Regional Office that have volunteered to be a part of this program. Scientists either adopt a certain school and work with that school throughout the year to meet their environmental education needs, or they are "floaters" and respond to requests from schools. Materials available to the scientists for doing classroom presentations include: teaching guides, a curriculum library, slides, a groundwater model, and hands-on wildlife products and skins.

In the Field: Ecological Services, Cheyenne WY
(307)772-2374

Program: Developing a wildlife patch for youth groups

In the Field: Alamosa/Monte Vista Complex, Alamosa, CO
(719) 589-4021

Programs: A couple of different interagency partnerships are occurring in the San Luis Valley to create an environmental education network in this area. These partnerships provide environmental education services to meet these needs in the Valley, in addition to providing an interagency network for sharing knowledge and resources.

In the Field: Audubon NWR
RR 1, P.O. Box 16
Coleharbor, ND 58531
(701) 442-5474

Programs: Refuge staff has developed an educational activity book geared toward mid-level elementary school students. The book features a cartoon character named "Audy Bon Duck". Audy takes the students through crossword puzzles, word searches and many other activities. Fifteen backpacks, stuffed with wetland discovery tools, binoculars, field guides, and nets, are made available for teachers and students to use while on field trips to the Refuge. A teacher guide is currently being developed to use in conjunction with the packs. A computer and wildlife related software are being circulated through area 6th grade classrooms. Students use the computer/software in their free time and some teachers are beginning to

incorporate the software programs into their lessons. The Refuge staff work with many Ducks Unlimited Chapters, sportsman's clubs, and local businesses to sponsor Greenwings Day -- an afternoon of educational programs for youth to learn about waterfowl and hunting. A nest box workshop is held each fall to celebrate National Wildlife Refuge Week. Scouts, 4-H groups, and individuals make boxes and learn about placing and maintaining the boxes in suitable habitats. Other Refuge opportunities include barge tours to nesting islands on Lake Audubon during the waterfowl nesting season, bird watching classes, University of Minnesota Raptor Center Programs, and a home page.

In the Field: Bear River Migratory Bird Refuge, Brigham City, UT
(435) 723-5887

Programs: Refuge staff encourages young people (grades k-8) to become more interested in migratory birds through a Bird Banner contest. The contest is pitched as a way for the young people to teach the entire community about birds. The banners are made of Tyvek and permanent ink markers and are hung from the light posts on Main Street. An after-school club, Young Friends of the Bear River Refuge, meet regularly and work on a variety of projects. They recently made a film about the refuge that won the State's "innovation award". Linking Communities, Wetlands and Migratory Birds is a program sponsored by Wetlands International and funded by a NAFTA grant. The project connects schools at three sites (Chaplin Lakes, Saskatchewan; Great Salt Lake, Utah; and Marismas Nacionales, Mexico) which share the same populations of shorebirds at different times of the year. The students will exchange information about their homes and schools and about the habits of the American avocet while it is at their site. Bats Eat Mosquitoes allow 7th grade students to explore issues and possible solutions to mosquito abatement issues. The students also build bat houses for the mosquito abatement district to distribute. Frog surveys are conducted by 7th graders to survey frogs on the Refuge using the national protocol designed by Patuxent Wildlife Research Center. The students learn about frog biology, environmental contaminants, and sampling techniques. Refuge biologists explain swan management and conservation issues surrounding trumpeter swan recovery and tundra swan hunting. Teacher-led programs on swans prepare students for a visit to the Refuge. How are Birds Different? is a slide program that explores different adaptations of birds, with the emphasis on feet and beaks. Wetland education trunks contain field trip supplies such as waders, dip nets, water sampling equipment, field guides, binoculars and other sampling equipment. A teacher's guide and an activity guide provide both class and field exercises.

In the Field: Benton Lake NWR
922 Bootlegger Trail
Great Falls, MT 59404-6133
(406) 727-7400

Programs: Required environmental education programs occur at the Refuge for Great Falls School District children in grades 3 and 7. In 3rd grade, they learn about wetland ecosystems. They return in 7th grade to learn about birds. The Refuge staff also host education classes with Montana State University - Northern. Field trips to the Refuge provide "real life" experience on the topics of wetland ecology, environmental awareness, and partnerships for conservation of natural resources.

In the Field: Bowdoin National Wildlife Refuge, Malta, MT
(406) 654-2863

Programs: Every other year, the Refuge sponsors a teacher workshop that focuses on techniques used in monitoring and managing wildlife. It encourages teachers to use the Refuge and natural areas as teaching tools for their students. Teachers get hands on experience with bird banding, GPS units, and rocket nets. Refuge staff also participate in an annual event, Enrichment Days. This program is made available for all grade school children, approximately 600 students, in Phillips County. Various agencies, such as BLM and NRCS, local businesses, and area farmers also participate in the program. Themes and locations for the event vary from year to year.

In the Field: Charles M. Russell National Wildlife Refuge (CMR):
Fort Peck, Jordan, and Sand Creek Field Stations, Montana
(406) 526-3416, x3766

Programs: Fort Peck hosts the fascinating Fort Peck Dam Interpretive Center and Museum, a cooperative effort among the U.S. Fish and Wildlife Service, the Army Corps of Engineers, and Fort Peck Paleontology Inc. Museum exhibits have a three-fold focus: wildlife of the CMR, dinosaurs of the Cretaceous, and the construction of the Fort Peck Dam. In summer, the museum is the epicenter of our environmental education and interpretation programs. During this season, we present a variety of topical speakers, themed weekends and children's nature-oriented arts and crafts programs, as well as National Public Lands Day (a volunteer-oriented field event). During the school year, presentations centered on the CMR and its place in the National Wildlife Refuge System are offered, as well as a skins and skulls match up and an endangered species touch program. In addition, educational trunks are available for loan with complete lesson plan options on subjects as diverse as: the Lewis and Clark Corps of Discovery, weather, trees, wolves, songbirds, bugs birds, dinosaurs and fossils, and the solar system.

In the Field: Des Lacs NWR
P.O. Box 578
Kenmare, ND 58746-0578
(701) 385-4046 ext.24

Programs: Responding to a need to help the public understand the value of fire management, an Education Guide to Great Plains Fire Ecology has been developed by Refuge staff and a private contractor. Written for students in the 7th -12th grades, this Refuge-specific guide helps students learn about the historic role of fire on the prairies and the role of prescribed fire today. While the guide directs users to certain locations at the Refuge for their studies, the information is general enough that the guide can be adapted for use at other Refuges. Eco-Education Day, an annual program for 6th graders, explores wetland and wildlife values through interactive and hands-on demonstrations.

In the Field: Fisheries- Tribal Technical Assistance Program
P.O. Box 61
Lewistown, MT 59457
(406) 538-2391

Programs: Developing education boxes, tribal partners program for prairie conservation, and brochures and educational materials.

In the Field: Great Plains Nature Center, Wichita, KS

(316) 683-5499 x108

Programs: This 23,000 square foot facility houses offices, exhibit space, an auditorium, and one classroom. Located in the heart of Wichita, it is surrounded by a 240-acre natural City-owned park, allowing for hands-on environmental education activities. It is a cooperative venture between the Service, Kansas Department of Wildlife and Parks, and City of Wichita Park and Recreation Department. It is a suggested field trip site for many schools in the metropolitan area. Staff members participate in the Science Olympiad at the regional, state, and national levels by providing tutors, group leaders, and officials. The nature center is host to one of 10 state-wide ECO-Meets each year, with staff working with area high school students as they compete in various tests and quizzes dealing with general wildlife. Continuing education and re-certification classes through the local universities are offered by center staff. Scout, youth, and family natural history programs are offered throughout the year.

In the Field: Huron Wetland Management District, Huron, SD

(605) 352-5894

Programs: Annual Huron Prairie Fest, one Saturday in May of each year. Hands on activities and talks and demonstrations for adults and children of all ages. Live animal conservation talks. Programs vary year to year contact station for details. Two wildlife education trunks are available for loan to SD educators. There is a prairie and a wetland trunk. Each trunk has a teacher activity guide, with hands on activities to teach students about South Dakota wetlands and prairies. Refuge staff conducts environmental education programs for a variety of ages upon request. Each year staff provides environmental education programs to all of the 6th grade classes in the Huron School District. After the classroom visits, all of the 6th grade students spend a half day doing hands on environmental education activities at the Maga-Ta-Hopi Waterfowl Production area which is 8 miles W of Huron on Highway 14. A marked GPS\compass orienteering trail is available for use at the Maga-Ta-Hopi WPA. Contact refuge staff for GPS\compass coordinates.

In the Field: J. Clark Salyer NWR

P.O. Box 66

Upham, ND 58789

(701) 768-2548

Program: Refuge staff offer a unique tour of a canoe, scenic, or grassland trail through a World Wide Web Homepage. Mortimer the Muskrat leads groups on a canoe tour that provides a general overview of the Refuge, while the scenic and grassland trails offer a look at other Refuge habitats and associated wildlife. Through this web site, the trails have been visited by folks from across the U.S. and around the world. In October and November 1996, the homepage was accessed over 1840 times, including 13 "visits" from foreign countries. That is more visitors than the Refuge actually receives in several months combined.
<http://jclarksalyer.fws.gov>

In the Field: Jackson National Fish Hatchery, Jackson, WY

(307) 733-2510

Programs: In partnership with five different organizations, the Hatchery staff sponsor a National Fishing Day celebration using the Pathways to Fishing program. Seven learning stations teach ethics, gear and tackle, fish handling and releasing or cleaning, aquatic invertebrates, knot tying, water safety, and locating fish. Staff are constructing a multi-use pond which will be primarily used for fishing and wildlife viewing. An accessible boardwalk, fishing platforms, fish and wildlife viewing areas, and an outdoor classroom will be constructed around the pond. Originally intended for the local nursing home residents and the mentally/physically disabled, the pond will be open to the general public during hatchery hours on a permit basis. Fishing events, celebrations, and outdoor classes will be held on site.

In the Field: Kirwin National Wildlife Refuge, Kirwin, KS
(785) 543-6673

Programs: In 1996, a program on beginning bird watching led to the establishment of a local bird watching club. An annual Eagle Day presentation showcases a live, rehabilitated bald eagle. Hooked on Fishing, Not on Drugs kids fishing day is presented with assistance from the Kansas Department of Wildlife & Parks. Teacher's open house showcase the programs that are available at the Refuge and/or for the classroom. Refuge personnel annually conduct various tour and classroom presentations for school groups, senior citizens and scout groups. Refuge staff are involved with the local Boy Scout camp to provide programs or help with badge requirements.

In the Field: Lee Metcalf National Wildlife Refuge, Stevensville, MT
(406) 777-5552

Programs: Refuge staff conducts environmental education programs for a variety of ages. The Refuge coordinates and hosts the STOKED (Students Teaching Other Kids Ecological Dynamics) program. STOKED is a unique educational program connecting high school students to elementary students through their natural world at the Refuge. The high school students design interactive science-based programs related to the natural history of the Refuge and present these programs to local elementary students during field trips. The Refuge staff also coordinate the Junior Duck Stamp contest for Montana, which combines art and wildlife education.

In the Field: Long Lake NWR, Moffit, ND
(701) 387-4397

Programs: Long Lake NWR offers Environmental Education programs for school groups and other organizations at the Refuge upon request. We also encourage teacher-led field trips. We have a variety of equipment available for school groups to use while they're here on the refuge. Available equipment includes: binoculars, field guides, dip nets, magnifying jars etc. Other opportunities at the Refuge include, JAKES Day (an annual youth event where kids learn about wildlife and hunting related activities), Lines for Little Ones (an annual kids fishing day), Introduction to Waterbirds Class, and a Wildflower Walk. We also have 4 educational trunks available for loan, 1) Wetland, 2) Prairie, 3) Endangered Species 4) Shorebirds. The trunks include teacher's guides, activities, puppets, board games, story boards, and reference materials.

In the Field: Madison Wetland Management District, Madison, SD

(605) 256-2974

Programs: Project O.W.L. (Outdoor Wildlife Laboratory) is a mobile outdoor classroom that is available for schools, local water festivals, and conservation groups within the WMD. It includes spotting scopes, binoculars, owl pellet kits, water testing kits, and microscopes. Hooked on Fishing, Not on Drugs, in partnership with South Dakota State University Cooperative Extension Service and the South Dakota Game, Fish and Parks Department, combines environmental awareness, visual arts, sportsmanship, and fun for young fishers between the ages of 8 and 19. Project WILD teacher workshops are offered to area schools and YMCA's where participants learn how to incorporate environmental education into their curriculum. Wetland, prairie, and furs and skulls trunks focus on wetlands and their importance in the landscape, native prairies and their inhabitants, and hands-on fur and skull samples. These educational materials are available for loan. The trunks include teacher's guides, activities, puppets, board games, storyboards, and reference materials.

In the Field: National Bison Range, Moiese, MT
(406) 644-2211

Programs: The Range has an extensive environmental education program. An environmental education campsite is available to organized groups for the purpose of pursuing outdoor classroom activities. Students and teachers may use environmental education study areas for investigation projects. There is an accessible nature trail near Mission Creek and ponds that are excellent for riparian and wetland studies. There is also an accessible trail through the grasslands near the Visitor Center. Equipment, activity packets, and field guides are available for use by teachers on these areas. The Learning Lab contains a skull and skin collection, pressed plant collection, reference books and field guides, field kits, and laboratory equipment such as microscopes, water testing kits, compasses, magnifying lens, secchi disk and thermometers. Refuge staff hosts at least one teacher workshop per year. Participants can receive Montana State OPI (Office of Public Instruction) credits for all workshops. University credit is occasionally offered. The workshops emphasize hands-on activities for students K-12. An environmental education resource library contains reference material, student activity lesson plans, videos and field kits.

In the Field: National Elk Refuge, Jackson, WY
(307) 733-9212, ext. 227

Programs: Winter sleigh rides take visitors up close and personal to the elk wintering in the Jackson Hole valley. Interpreters on the sleigh rides educate visitors about the Greater Yellowstone Ecosystem and the elk. Environmental education programs are presented at the schools, or children can go to the "outdoor classroom" portion of the Refuge set aside for this purpose. Teachers are provided with an Elk and Elk Refuge Study Guide to help them with their teaching.

In the Field: North Dakota Ecological Services Division
1500 E. Capital Ave.
Bismarck, ND 58501
(701) 250-4401

Programs: The Ecological Services staff coordinates the loan of four education trunks for schools throughout North Dakota. Trunk topics include wetlands, neotropical migrants, prairies, and endangered species. The Bismarck staff developed the

wetland, prairie, and endangered species trunks. A full-color poster was developed to accompany the endangered species trunk. The trunks contain a teacher's guide, models, activities, and games that are built around a two-week long teaching unit.

In the Field: North Platte NWR
115 Railway Street, Suite C109
Scottsbluff, NE 69361
(308) 635-7851

Programs: Conservation through Art: Enviro Art is a dynamic program that integrates science and art curriculum. This non-traditional pairing of subjects crosses cultural, ethnic, and social lines to teach a greater awareness of national resources. The primary focus is on wetlands and waterfowl conservation principles. The program involves teacher training, classroom presentations, and artist/student workshops. It is available for K-12 students. Refuge staff are very involved with the Earth Stewards program.

In the Field: Ouray National Wildlife Refuge, Vernal, UT
(435) 545-2522

Programs: An annual spring Open House includes numerous hands-on activity stations along the auto tour route. Topics include wetlands, migratory birds, endangered fish, wetland insects, habitats, and the National Wildlife Refuge system. This is an interagency effort. The PAWS-ON program introduces all school students (K-12) to careers in agriculture and natural resources. Refuge staff demonstrates Service careers and teach about wildlife biology and management.

In the Field: Quivira National Wildlife Refuge, Stafford, KS
(316) 486-2393

Programs: Refuge staff provide one day seminars for educators and others. An educator's guide, compiled by Refuge staff, is made available to participants. Educational field trips are available on request, and include activities at the Visitor Center and a field trip guide.

In the Field: Rocky Mountain Arsenal NWR
Building 121
Commerce City, CO 80022-2108
(303) 289-0931

Programs: Rocky Mountain Arsenal National Wildlife Refuge offers all schools environmental education opportunities in a natural setting. Two types of environmental education programs are offered: teacher-led field trips using our "Home is Habitat" curriculum and staff-led field trips for grades K-12 with specific curriculum. "Home is Habitat" teacher trainings are offered 2-3 times per year for re-certification credit through the Colorado School of Mines. All environmental education opportunities are free and are correlated to the Colorado Model Content Standards. The *Time Capsule* is a traveling educational kit available for classroom use containing books, props, maps, photographs and posters. The Capsule includes 12 hands-on, interdisciplinary activities that trace the history of the Refuge, from native prairie, to farming, to industry, to National Wildlife Refuge. The educational activity guide, *GO!wild* is a classroom supplement that incorporates interdisciplinary lessons with information pertaining to wildlife, the U.S. Fish and Wildlife Service, the Refuge System and

conservation issues while meeting the Colorado Model Content Standards requirements. *GO!wild* integrates lesson objectives through hands-on learning and encourages a visit to Rocky Mountain Arsenal National Wildlife Refuge or any other refuge within the system to conduct outdoor field studies to further enhance their learning experience. Hard copies of *GO!wild* are distributed to 3rd - 5th grade teachers at 30 target area schools and are downloadable off the Refuge's website.

In the Field: Sullys Hill National Game Preserve (Devils Lake WMD), Devils Lake, ND
(701) 766-4272

Programs: Preserve staff developed a Regional Conservation Learning Center which includes a visitor center with bookstore and displays, two classrooms, an amphitheater, nature and cross country skiing trails, an auto route, overlooks, and various interpretive signs. The Refuge hosts various conservation-orientated workshops and programming for families, classes for teachers, and a host of activities for youth. Youth activities include outdoor studies; classroom learning curriculum; guided tours and programs; teacher led programs; and day camps for 4-H, scouts, and school groups. Curriculum specific to Sullys Hill Preserve was developed by a cooperative education student and combines lessons on Native American heritage and wildlife. Local school students have raised money for educational supplies for the classroom through the Kids for Sullys Hill program.

In the Field: Upper Souris NWR, Foxholm, ND
(701)-468-5467

Programs: The refuge works with several organizations to organize the Mouse River Loop Envirothon in North Dakota. This regional envirothon has been used as a model for the development of other regional envirothon events within the state. The main objective is to combine in-class curriculum with hands-on field experience that deals with environmental issues concerning the management of natural resources. This is accomplished by working with numerous partners and the national Canon Envirothon format to create a positive event for students and teachers in a multi-county area.

The event is open to students between the ages of 15-18 years old and science and vocational teachers at the high school level. The event generally reaches approximately 100 students and 20 teachers with this educational event as well as partners and volunteers.

The national Envirothon program is a competitive, problem-solving event which helps students learn about the natural resources of their world. It also assists students in making wise decisions about the issues affecting natural resources and the environment. Teachers prepare the students prior to the event and assist the students during the event. The project partners contact schools to gain acceptance and participation of teachers and students, to design the 1-day event, and provide materials to students and teachers to increase their knowledge and prepare for the event.

In the Field: Waubay NWR, Waubay, SD
(605)947-4521

Programs: Three Traveling Trunks are available for loan to SD educators. Subjects include

migratory birds, wetlands and shorebirds. The migratory bird trunk includes binoculars and field guides plus other activities and information. In development are two additional trunks on SD endangered species and trees. Videoscopes are also available for investigating wetlands and the less visible inhabitants of pond water. Every fall we are host to over 250 first, second and third graders from area schools who attend the annual 1-2-3 to the Refuge. These young students get the opportunity to spend a day at the Refuge learning about anything from butterflies to local history to trees.

Region 7-Environmental Education Coordinator

USFWS, Division of Refuges
1011 E. Tudor Road
Anchorage, AK 99503
(907) 786-7653

Programs: “Learn About Seabirds,” “Arctic Nesting Shorebirds,” “Wetlands and Wildlife,” and “Role of Fire in Alaska” curricula, curriculum-kits, teacher workshops.
Alaska Migratory Bird Calendar
(907) 786-3389

In the Field: Alaska Maritime NWR
2355 Kackemak Bay Drive, Suite 101
Homer, AK 99603
(907) 226-4617

Programs: Native Stewardship summer camps, field trips using shorebird and seabird curricula, Kachemak Bay Shorebird Festival.

In the Field: Anchorage Fish and Wildlife Field Office
605 West 4th Avenue, Room G-61
Anchorage, Alaska 99501
(907) 271-2777

Programs: Anchorage Middle School Stream Watch

In the Field: Arctic NWR
101 12th Ave., Room 236, Box 20
Fairbanks, AK 99701
(907) 456-0500

Programs: Classroom and web-based environmental education programs

In the Field: Fairbanks Fish & Wildlife Field Office
101 12th Ave, Room 110
Fairbanks, AK 99701
(907) 456-0558
(907) 456-0297

Programs: Primary topics of the environmental education program are: healthy habitats, native fish, subsistence fisheries, endangered species, and contaminants. Tools

include: fisheries and aquatic education kits; CyberSalmon web site; summer science camps; classroom programs; and training workshops for educators and Tribal members. Eider Journey and outreach activities on the North Slope

In the Field: Kenai NWR
P.O. Box 2139
Soldotna, AK 99669-2139
(907) 262-7021

Programs: The environmental education program is filled with a variety of tools including field trips led by refuge staff and SCA volunteers, interpretive programs, kits and supplies available for teacher checkout, integrated environmental education activities with Youth Conservation Corp, a junior ranger program, a junior explorer program, and an outdoor education center that is available by a special use permit.

In the Field: Kodiak NWR
1390 Buskin River Rd.
Kodiak, AK 99615
(907) 487-2600

Programs: One week salmon summer camps for 5-6, 7-8 and 11-12 yr olds; classrooms presentations, field trips, whale feast in May.

In the Field: Koyukuk/Nowitna NWR
P.O. Box 287
Galena, AK 99741
(907) 656-1231

Programs: Education programs in village schools, community outreach special events, summer day-camps, teaching-kits and resource library materials available to loan (in Alaska only).

In the Field: Tetlin NWR
P.O. Box 779
Tok, AK 99780
(907)883-5312

Programs: Educator program, summer camps, events

In the Field: Yukon Delta NWR
PO Box 346
Bethel, Alaska 99559
(907) 543-1014

Programs: Refuge related wildlife curricula covering moose, salmon, migratory birds, shorebirds, lead shot poisoning and tundra protection. Classroom fish, bird and tundra kits, Refuge Information Technician program, teacher workshops, FWS Teacher Training Institute, guided bird and plant walks, annual International Migratory Bird Day celebrations, visitor center and museum.

Region 8 -Environmental Education Coordinator

In the Field: Hopper Mountain NWR Complex
2493 Portola Rd. Suite A

Ventura, CA
(805) 644-5185

Programs: Condor Recovery Program, On going efforts with outside media, bi- annual news letter *Condor News*, local outreach about the condor. **Guadalupe - Nipomo Dunes NWR**- Chris Barr (805) 343-9151, regularly scheduled interpretative hikes, Dunes Center Interpretative Center

In the field: Sacramento Fish and Wildlife Office
2800 Cottage Way, Room W-2605
Sacramento, CA 95816
916-414-6600

Programs: Schoolyard Habitat Program - Connects children with nature by helping teachers and students create native wildlife habitat on school grounds.

In the Field: Sacramento National Wildlife Refuge
725 County Rd 99 W
Willows, CA 95988
(916) 934-2801

Programs: Discover the Wonders of our Wetlands: Explore our wetlands on your own: Wetland Walk with Trail Guide, Auto Tour with Viewing Platform and Radio broadcast, Discovery Room with Wildlife Exhibits, Discovery Pack with five self guided activities. Or join Refuge staff for reservation E.E. programs. CARGO for Conservation Endangered Species presentations, Field Trips and Educator Workshops; National Earth Stewards site
California Federal Junior Duck Stamp Program

In the Field: San Diego NWR Complex Education Programs and Curricula
Sweetwater Marsh NWR
1080 Gunpowder Point Drive
Chula Vista, CA 91932
(619) 691-1261

Programs: “Sweetwater Safari,” science and language-arts based, instructor lead, refuge field trip for grades 3-6. Meets California science standards for 4th grade. Requires prior teacher and chaperon training session. City of Chula Vista Elementary School District provides an on-staff, full-time teacher at the Nature Center for all Chula Vista 4th grade students. Students spend time in the Center’s classroom, then on refuge trails.

Complex Wide:

San Diego Wetlands - Teacher packet. A guide to San Diego’s wetlands and activities produced by SeaWorld and numerous partners including San Diego Refuge Complex.

In the Field: San Francisco Bay National Wildlife Refuge Complex
Education Sites: Visitor Center, Fremont EEC, Alviso, San Pablo Bay NWR, Valley
P.O. Box 524
Newark, CA 94560
(408) 262-5513

Programs: Trekking the Refuge, Wetland Round-Up, and In the Mare On Mare Island Educator-Led Field Trips - K-6 grades; Mud Studies and Bay Pollution in-class activity - 3rd grade; Seabird Restoration Program (in-class activities)- 2-6 grades;

Slow the Flow Educator-Led Field Trips - 5-12 grades, partnership with a neighboring pollution control plant.

In the Field: San Luis National Wildlife Refuge
P.O. Box 2176
Los Banos, CA 93536
(209) 826-3508

Programs: EE partnerships with cities, counties, non-profits, and with State of California agencies for teacher workshops; "Trekking the Trail of the Tiger Salamander" vernal pool curriculum-includes teacher training, loaner-trunks, field-trips and classroom visits; Songbird Blues loaner trunk; Blue Goose mascot suit coordination; Wild on Wetlands Weekend wildlife festival- includes Junior Duck Stamp Contest entries, tours and workshops; Docent-led fieldtrips for geology, hydrology, ethnobotany, ecology, and habitat management, tailored for state standards for particular grade levels.

In the Field: Stillwater NWR Complex
1000 Auction Road
Fallon, Nevada 89406
(775) 428-6452

Programs: Spring Wings Bird Festival, Field Trips, In-school presentations

In the Field: Stone Lakes NWR
1624 Hood-Franklin Road
Elk Grove, CA 95757
(916) 775-4421

Programs: Volunteer/docent training; field trips; school presentations; guided seasonal wetland walks; community service projects wildlife observation paddle program; currently developing educator resource guide, environmental education facility, Junior Biologist program, and an outdoor Nature Explore area. Each spring the refuge also hosts the large annual outdoor festival Walk on the Wildside.

In the Field: Tijuana Slough NWR

Programs: M.A.R.S.H. - Instructor/education department led field trips for elementary school students. Requires prior teacher training session. Managed by the California Parks Department, our partners at the Tijuana Slough and Visitor Center. Tijuana River Water Testing Program - Water testing program for university/high school students. Managed by CDP and funded by NOAA.

8. Electronic Field Trips Delivered Via Satellite or Webcast
Please Note: Interactive only on dates specified.

<http://www.tpwd.state.tx.us/learning>
Texas Parks and Wildlife Department

9. Electronic Field Trips for Environmental Education and Distance Learning Resources

<http://www.windowsintowonderland.org/>
Yellowstone National Park: NPS

<http://shorebirds.pwnet.org>
Winging Northward: A Shorebirds Journey

<http://www.nationalgeographic.com/geography-action/index.html>
National Geographic: Geography Action! 2005-2006
Migration: The Human Journey

<http://www.sd5.k12.mt.us/glaciereft/>
Glacier National Park

http://www.blm.gov/wo/st/en/res/Education_in_BLM/Learning_Landscapes.html
BLM Learning Landscapes

<http://www.greentreks.tv/>
GreenTreks Network, Inc.: Environmental Fund for Pennsylvania

<http://www.learner.org/jnorth/>
Journey North: Whooping Crane and other Migrations

<http://www.fws.gov/video>
U. S. Fish and Wildlife Service video segments

<http://commtechlab.msu.edu/sites/letsnet/frames/bigideas/b1/index.html>
Electronic Field Trips: Theoretical Rationale

<http://www.nps.gov/webrangers>
National Park Service: Web Rangers

<http://www.efieldtrips.org/>
Electronic field trips and virtual visits sponsored by NPS, FWS, BLM, and others.