

NORTH DAKOTA

**ENVIRONMENTAL EDUCATION
RESOURCES DIRECTORY**

The “original” directory in 1997 was designed to provide educators and youth leaders information about environmental education programs, information and resources available at little or no cost. Environmental education is the umbrella term used which encompasses all natural resource conservation education, global education, waste education and other environmental education activities. Some of the materials are specific to North Dakota, while others are broader. Hard copies of the original are still available for \$5 by contacting Glenda, but the following is a portion of the original directory that was retyped in 2007 and still relevant and useful.

Within North Dakota, there are numerous agencies and organizations involved in some form of environmental education. They share the responsibility to help young people increase their understanding of the world around them; develop the ability to make informed decision; and have the confidence to take responsible actions. This directory was compiled to help meet the challenge of their common shared vision:

*“A public that is knowledgeable, committed and motivated to take a balanced,
active approach for a quality environment.”*

August 1997 (portion retyped and put on the C2E2 web site in August 2007 at <http://c2e2.gscience.org>)

**Glenda Fauske, Information and Education Coordinator
NORTH DAKOTA FOREST SERVICE
307 First Street East
Bottineau ND 58318-1100
(701) 228-5422**

IN RECOGNITION and APPRECIATION

The North Dakota Forest Service gratefully acknowledges the **USDA Forest Service – Region One** for the *Natural Resource Conservation Education* grant. A portion of the 1997 grant was used to conduct an assessment of the current environmental education opportunities available in North Dakota. That information was compiled to produce this directory.

The grant was secured by the North Dakota Forest Service in collaboration with the following partners:

**Custer National Forest
North Dakota Department of Public Instruction
North Dakota Geographic Alliance**

Thank you to the individuals who volunteered to serve on the Directory Team. Their assistance in providing suggestions on the format, forms, time-frames, soliciting information and proofing were greatly appreciated.

“1997 Directory Team”

**Angie Bartholomay, Willow City Public School
Jim Collins, North Dakota Health Department
Arlene Deutscher, USDA Natural Resources Conservation Service
Curt Eriksmoen, North Dakota Department of Public Instruction
Karen Katrinak, UND Energy & Environmental Resource Center**

**Susan Lardinois, ND Environmental Education Coordinator
Deb Nelson, Bottineau Public School
Chrystal Roder, Langdon, ND
Robert Tubbs-Avalon, North Dakota Health Department**

Thank you to the numerous organizations and agencies that provided the material and graphics for the directory!

My personal thanks to the following employee who contributed many hours towards this project:

Nancy Miller Secretary, North Dakota Forest Service

Table of Contents

AUDIO VISUALS

Slides	A - 3
Videos	A - 9
Other	A - 32

CURRICULUM/ACTIVITY GUIDES	B - 3
----------------------------------	-------

EDUCATIONAL PRESENTATIONS

Guest Speakers	C - 3
Lyceums	C - 7
Tours	C - 8
Workshops	C - 12

HANDS-ON ACTIVITIES

Kit	D - 3
Poster Contests	D - 4
Trunks	D - 6
Other	D - 10

MISCELLANEOUS	E - 3
---------------------	-------

PRINT MEDIA

Booklets/Brochures/Pamphlets/Maps/Reference Materials	F - 3
Magazines	F - 31
Posters	F - 32

RESOURCE AGENCIES AND ORGANIZATIONS	G - 3
---	-------

DIRECTORY SURVEY	H - 3
------------------------	-------

Agricultural Aviation

Grade Levels: K-12

Description: The National Agricultural Aviation Association has two curriculum guides available – Elementary Guide for K-5 and a Secondary Guide for grades 6-12. It discusses the role Agricultural Aviation plays in the production of food and fiber, and how it impacts the lives of people in the clothes they wear and food they eat.

Contact: ND Ag Aviation Association

Captain Cornelius

Grade Levels: 4

Description: Corn – a National Renewable Resource. No longer is corn used just for foods and animal feeds. Today, it is used to make everything from fuel to pharmaceuticals.

Cost: Loan

Contact: North Dakota Farm Bureau

Christmas Tree Recycling

Grade Levels: 4,5

Description: This package includes a kit with camera-ready activity sheets and a seven-minute video describing some ways Christmas trees can be recycled.

Contact: NDSU Extension Service
Youth and Family

Dakota Dinosaur Museum Educational Program

Grade Levels: Pre-K – 12, Educator, Adult

Description: The Dakota Dinosaur Museum provides and implements an educational program that reaches all ages and levels throughout the community in learning about earth sciences, fossils and dinosaurs. The museum's exhibits include nineteen full scale dinosaurs, a vast variety of vertebrate and invertebrate fossils, an excellent rock and mineral collection, plants, mammals, reptiles and seashell collection.

The educational program provides a variety of activities for visitors (students) to take part in. A few are: Dinosaur Trivia Challenge, Scavenger Hunt, Simulated Dinosaur Dig, Rock and Mineral Maze, Earth Science Challenge.

Cost: \$1-\$5/Person

Contact: Dakota Dinosaur Museum

Educational Enrichment Through Tree Planting

Grade Levels: 4-12, Educator

Description: By planning and planting trees, students can learn the importance of trees to their communities, the state and the environment. Students develop an appreciation of nature and learn how to identify trees. They also gain a sense of ownership in the project through hands-on participation.

Contact: North Dakota Forest Service OR
Your local NDSU Extension Agent

Focus on Honey

Grade Level: 4

Description: A notebook with information, activities and resources relating to honey production.

Contact: North Dakota Farm Bureau

Focus on Wheat

Grade Level: 4

Description: A notebook with information, activities and resources relating to wheat production.

Contact: North Dakota Farm Bureau

Fort Berthold Community College

Grade Levels: K-12, Educator, Adult

Description: Fully accredited two-year Tribal chartered Community college offering degree programs in Science, Environmental Science, Math and many other areas. Regularly conducts Teacher Training workshops for K-14 educators in many different science, environmental and education topics.

Contact: Fort Berthold Community College – Academic Dean

Hooked on Fishing – Not On Drugs

Grade Levels: K-12, Educator, Adult

Description: “Hooked On Fishing – Not On Drugs” is a drug prevention, self-esteem building program designed for children and youth in grades K-12. It has been designed for in-school use. It provides the essential drug prevention messages through the richly rewarding lifelong activity of fishing. Through this program fishing becomes a viable alternative to children and youth becoming involved with alcohol and other drugs.

Contact: North Dakota Game and Fish

How Well Is Your Water?

Grade Levels: 8-12, Educator, Adult

Description: This publication is an activity guide which will help explore and learn things about groundwater. In doing these activity guides, you will need resources which are listed for each activity. At the end of each activity there will be questions to answer, which tell what you learned about the experiment.

Contact: NDSU Extension Service
Water Quality Associate

Leopold Education Project

Grade Levels: 6-12, Elementary curriculum to be published Aug. '96

Description: The Leopold Education Project is a critical-thinking curriculum designed to establish a positive conservation ethic among its participants. The LEP is interdisciplinary in nature and is based on the classic literary work, "A Sand County Almanac", by Aldo Leopold. The curriculum is targeted for Grades 6-12 with an elementary edition currently in progress.

Contact: Leopold Education Project
Pheasants Forever

North Dakota Greenbooks

Grades: Pre K-12

Description: The "North Dakota Greenbooks" are copies of other states' best environmental education curriculum with a focus on waste management and recycling. Greenbook #1 is from Colorado. Greenbook #2 is from Illinois. Greenbook #3 and #4 are from Minnesota. Greenbook #5 is being produced and is from Washington. All Greenbooks are specially bound and formatted. Photocopying is encouraged. Call Robert Tubbs-Avalon for your free Greenbooks today!

Project S.W.E.A.T. (Solid Waste Education and Training) is the name for the Division of Waste Management's environmental education effort. The Division protects the public's health and safety through regulations addressing solid and hazardous wastes. Primarily, the Division inspects, permits and enforces solid waste management facilities. The Division believes education is the first step of compliance. However, recognizing the importance of teachers and the value of children who love their environment, the Division created Project S.W.E.A.T. to give approximately \$75 of the best help money can buy to teachers already inspiring their children to become good earth stewards.

Contact: State Recycling Coordinator
North Dakota Department of Health

North Dakota Project WET

Grade Levels: K-12, Educator, Adult

Description: The Project WET (Water Education for Teachers) is sponsored by the ND State Water Commission. K-12 Curriculum and Activity Guide Is a collection of 91 hands-on, active and innovative water activities that incorporate a variety of formats emphasizing people's relationship to water and is divided into seven thematic areas including water's chemical and physical properties, quantity and quality issues, aquatic wildlife, ecosystems and management strategies. Project WET activities promote critical thinking and problem-solving skills. A more in-depth investigation of specific water resource topics can be found in the Project WET modules. These modules include an extensive reference section, 25-50 new activities, student service/action projects and teacher/student aids and references. Current modules available are: Discover a Watershed: The Everglades; WOW; The Wonders of Wetlands; Getting to Know the Waters of Yellowstone; and Groundwater Module and Water Conservation Module (available in 1998). The Project WET K-12 curriculum and Activity Guide, Project WET modules and other Project WET North Dakota supplemental guides are available to educators only through attendance at certain non-credit and credit Explore Your Watershed workshops and courses.

Contact: Project WET Director
ND State Water Commission

North Dakota Wetlands Discovery Guide

Grade Levels: K-12, Educator

Description: The North Dakota Wetlands Discovery Guide (Guide) is intended to facilitate and promote awareness, appreciation, and knowledge of North Dakota's wetland resources. The Guide is an interdisciplinary wetland activity guide for K-12 grade educators. The Guide was developed specifically for North Dakota educators, by ND education and natural resource professionals, and about ND we wetland resources.

The Guide features 24 prairie wetland associated activities. The broad topic areas included in the Guide are: introductory activities, wetland function, wetlands and society, and the wetland community. It also features a brief history of ND wetlands, and a recommended wetland teaching unit guide. Each activity contains an activity abstract, intended learning outcomes, activity rationale, student prior knowledge, topic background information, materials list, step-by-step procedures, activity extensions, and evaluation methods.

The Guide is published by the ND Wetlands Institute, a division of the ND Water Education Foundation.

Contact: Project WET Director, North Dakota State Water Commission

Out of the Rock

Grade Levels: K-8, Educator

Description: Most natural resources, at least those derived from the earth, are taken for granted and not well understood. The U.S. Bureau of Mines and the National Energy Foundation have published a collection of integrated learning activities for use by K-8 teachers. The guide is intended to help teach how important minerals, energy resources and other resources are in our daily lives. The guide is specifically designed to assist teachers with meaningful mineral resource instruction on topics such as mining, geology, social studies, language arts, math and other disciplines. Units have been developed and organized so the user will have the materials necessary in a teacher-friendly, easy-to-use format.

Cost: Display copy available for inspection at NDGS office, located at 1022 East Divide Avenue in Bismarck. Curriculum guide alone \$25; however an Out of the Rock Teachers Kit which includes the guide, three posters (23"x 35") with lesson activities on the back of each, a 27 minute video and a tote bag is available for \$48. A 20% discount is offered to educators on all National Energy Foundation materials.

Contact: National Energy Foundation

Project Learning Tree

Grade Levels: Pre-K – 12, Educator, Adult

Description: Project Learning Tree (PLT), sponsored by the North Dakota Forest Service, provides hands-on, interdisciplinary activities designed for teachers, natural resource professional, and youth group leaders working with students in grades Pre-K – 12. A new Pre-K – 8 activity guide is arranged in five thematic sections – reflecting a range of learning levels and styles. Specially developed activities are included for middle school students, enabling them to take part in meaningful action projects relating to real environmental issues in their communities.

The high school curriculum features a series of independent activity modules focused on critical environmental topics and associated issues. Each module contains background information, resources, activities, and supplementary materials such as maps, posters, videos, and software.

The modules are:

Focus on Forests

Forest Ecology

Risky

Municipal Solid Waste

Places We Live

Forests of the World

Cost: \$15 Non-credit, 4-hour workshop

\$ One-semester hour of graduate credit, 15 hour workshop

Contact: North Dakota Forest Service or
ND Teacher Learning Centers

Project S.W.E.A.T.

Grade Levels: Pre-K – 12

Description: Project S.W.E.A.T. (Solid Waste Education and Training) is the name for the Division of Waste Management’s environmental education effort. The Division protects the public’s health and safety through regulations addressing solid and hazardous wastes. Primarily, the Division inspects permits and enforces solid waste management facilities. The Division Believes education is the first step of compliance. However, recognizing the importance of teachers and the value of children who love their environment, the Division created Project S.W.E.A.T. to give approximately \$75 of the best help money can buy to teachers already inspiring their children to become good earth stewards.

The “North Dakota Greenbooks” are copies of other states’ best environmental education curriculum with a focus on waste management and recycling. Greenbook #1 is from Colorado. Greenbook #2 is from Illinois. Greenbook #3 and #4 are from Minnesota. Greenbook #5 is being produced and is from Washington. All Greenbooks are specially bound and formatted. Photocopying is encouraged. Call Robert Tubbs-Avalon for your free Green books today!

Contact: State Recycling Coordinator
North Dakota Department of Health

Project Wild/Aquatic Education

Grade Levels: K-12, Educator, Adult

Description: A K-12 interdisciplinary, supplementary conservation and environmental education program emphasizing wildlife, is a joint project of the Western Association of Fish and Wildlife Agencies and the Western Regional Environmental Education Council, Inc. The goal of Project WILD is to assist learners of any age in developing awareness, knowledge, skills, and commitment to result in informed decisions, responsible behavior, and constructive actions concerning wildlife and the environment upon which all life depends. Project WILD produces a variety of supplementary curriculum materials and sponsors thousands of workshops throughout the country each year. The North Dakota Game and Fish Department is the primary sponsor of Project WILD/Aquatic Education in North Dakota.

Contact: ND Game & Fish
Project Wild

Sully's Hill National Game Preserve Regional Environmental Learning Center

Grade Levels: 5-12, Educator, Adult

Description: Sully's Hill Regional Environmental Learning Center (RELC) contains copies of the following curriculum manuals: [Project WET](#), [Project Wild](#), [Project Learning Tree](#), [Sully's Hill Education Teachers Manual](#), a video package about migratory waterfowl/birds, and packages of overhead transparencies with workbooks on various EE topics. In addition to these, Sully's Hill has selected activities or curriculum designed for one hour to one day teaching, i.e. a wildlife scavenger hunt. Call for additional information on curriculum materials available and a list will be sent out. Most of the materials are to be used at the learning center or checked out by local educators.

Sully's Hill RELC has a library with materials available for different types of "check-out".

Contact: Devils Lake Wetland Management District
Sully's Hill National Game Preserve

Teachers' Guide to Arbor Month

Grade Levels: K-6, Educator

Description: A free collection of bulletin board ideas, tips, facts, activities and reproducibles designed for planning a complete Arbor Day/Month celebration. This curriculum is full of great ideas for teaching math, science, English and art to children while developing their understanding of trees and the environment.

Contact: North Dakota Forest Service

<i>Lyceums</i>

Basin Electric Power Cooperative

Grade Levels: 5-12, Educator, Adult

Description: Tours of Basin Electric's Power Plants cover a variety of topics including: electrical generation; chemistry; North Dakota history; coal gasification; science and environmental protection. Maximum tour-group size is 50. School groups fifth grade and older are preferred.

Contact: Basin Electric Power Cooperative

Dakota Dinosaur Museum Educational Program

Grade Levels: Pre-K – 12, Educator, Adult

Description: The Dakota Dinosaur Museum provides and implements an educational program that reaches all ages and levels throughout the community in learning about the earth sciences, fossils and dinosaurs. The educational program provides a variety of activities for visitors (students) to take part in. The program is also available throughout the state by bringing the museum to the community in the form of educational presentations – lyceums, guest speakers and in-services.

Contact: Dakota Dinosaur Museum

North Dakota Lignite Mining and You

Grade Levels: 5, Adult

Description: Educational presentation on North Dakota lignite mining and reclamation. The presentation is titled, "North Dakota Lignite, Mining and You." The presentation lasts about one-and-a-half hours and describes the North Dakota lignite industry and stresses land reclamation following the mining activities.

Contact: Basin Electric Power Cooperative

Northern Waste Systems

Grade Levels: K-5

Description: May present a lyceum with a recycling theme, slide show and ROBOT. Scheduling is difficult and needs to be done in advance.

Cost: Possible

Contact: Northern Waste Systems

“Trees” Programs

Grade Levels: K-12

Description: The Regional Environmental Education Series or “Trees” are quality education programs, presented lyceum-style to elementary students, and designed to emphasize the need to protect and conserve our precious natural resources.

The programs are generally sponsored locally by county Soil conservation Districts and are provided at NO COST to the schools. If local sponsorship is not available, the school may also choose to pay a minimal fee to match the grant support that is available.

Education Series includes:

“Pete Bogg and the Amazing Water Machine” - Grades K-3

“Water You Doing”

“Sam Ting” Grades - 4-12

“Common Cents A and B - Grades 4-6

Cost: Contact Jill Vigesaa at (701) 799-5488 or Jill.Vigesaa@starband.net

Contact: Foster County SCD, Program Coordinator

Tours

Tesoro Mandan Refinery

Grade Levels: 1-12, Educator, Adult

Description: Bus tour of the Amoco Mandan Refinery. This tour takes approximately 45 minutes and needs to be scheduled in advance. The tour shows the different process units for making petroleum products and, also, our “North 40” ponding system and wildlife habitat.

Contact: Tesoro Oil Refinery, Human Resources

Basin Electric Power Cooperative

Grade Levels: 5-12, Educator, Adult

Description: Educational presentation on North Dakota lignite mining and reclamation. The presentation is titled, “North Dakota Lignite, Mining and You.” The presentation lasts about one-and-a-half hours and it describes the North Dakota lignite industry and stresses land reclamation following the mining activities.

Contact: Basin Electric Power Cooperative

Energy & Environment Research Center

Grade Levels: Pre-K through 12

Description: As part of its education program, the EERC offers regular tours of its facilities Monday through Friday for teachers and for students. Tours may focus on specific areas of interest or a general tour that provides an overview of available EERC activities and capabilities.

Contact: Energy & Environmental Research Center
University of North Dakota

The Falkirk Mining Company

Grade Levels: K-12, Educator, Adult

Description: The Falkirk Mining company operates the Falkirk Mine, a large lignite surface mine located around the city of Underwood ND in McLean County. Falkirk provides approximately seven million tons of lignite fuel for the nearby Coal Creek Generating Station, owned by Cooperative Power and United Power Associations of Minnesota. Falkirk has approximately 16,000 acres under permits to conduct mining operations, and mines and reclaims about 400 acres per year in compliance with ND Surface Coal Mining Regulations. Falkirk used many state-of-the-art pieces of mining, planning, and engineering equipment to plan, permit, and operate the mine. The two 105-120 cubic yard class draglines are the centerpiece of this mining operation.

Falkirk hosts thousands of people on organized tours each year for many groups, schools, tourists, agencies, families and individuals.

Contact: The Falkirk Mining Co.

Friendship, Inc. Tours

Grade Levels: Pre-K through 12, Educator, Adult

Description: Presentations on precycling, recycling, reducing and reusing. I have a slide presentation on what we do in Walsh and Pembina County, as well as a video presentation. I set up visual displays along with handouts to all age groups. Several ideas on reusing are also demonstrated.

Contact: Friendship, Inc.

Garrison Dam National Fish Hatchery

Grade Levels: 4-12, Educator, Adult

Description: Guided tours of fish hatchery are given May to September 1. Purpose of fish propagation and methods used are discussed. Fish rearing facilities are visited. Tours can be tailored to any age group. Tours normally last 20-30 minutes. Group tours should be scheduled in advance. Individuals may tour without pre-scheduling. Group tours are available from 11 a.m. to 3:30 p.m. Self guided tours available 8 a.m. to 3:30 p.m.

Contact: Garrison Dam National Fish Hatchery

Lincoln-Oakes Nursery Tour

Grade Levels: 5-12, Educator, Adult

Description: The North Dakota Association of Soil Conservation Districts is a membership organization of the Soil Conservation District supervisors of North Dakota. The association is an advocacy organization for its members.

The NDASCD owns and operates Lincoln-Oakes Nurseries which produces climatically adapted tree and shrub seedlings for conservation purposes. The seedlings are used for field and farmstead windbreaks, wildlife plantings and other conservation purposes.

Contact: North Dakota Association of Soil Conservation Districts

Long Lake National Wildlife Refuge

Grade Levels: Pre-K – 12, Educator, Adult

Description: Tours of the wildlife habitat on a national wildlife refuge – done by refuge personnel.

Contact: Long Lake National Wildlife Refuge

McQuade-Dietrich Recycling

Grade Levels: K-12, Educator, Adult

Description: We do slide presentations and educational presentations “tailor made” for any age group. Scheduled ½ hour tours are available by phoning one week in advance, Monday-Friday, 9 a.m. – 4 p.m. A library of reference material and videos on recycling and waste reduction topics are available for school projects.

Contact: McQuade-Dietrich Recycling, Marketing Director

Milton R. Young Station Tours

Grade Levels: K-12, Educator, Adult

Description: Minnkota Power Cooperative provides tours of the coal-fired generating plant located at Center, ND. Tours of the open pit coal mines mined by BNI Coal, Inc., can be arranged.

Contact: Minnkota Power Cooperative

North Dakota Water Tours

Grade Levels: 10, 11, 12, Educator, Adult

Description: The North Dakota Water Education Foundation hosts a number of water tours during the summer. It's an opportunity to learn first-hand about the state's most pressing water issues, participants w/visit sites such as Garrison Diversion Facilities, the Oakes Test Area and Devils Lake.

Cost: \$10 per person, meals & snacks included

Contact: Water Tours, ND Water Education Foundation

The Recycling Center Tour

Grade Levels: Pre-K – 12, Educator, Adult

Description: Tours are given of the recycling center showing the sorting process, bailing of accepted materials and the recycling markets. An information talk is given showing the benefits of recycling in a conservation way and what can be made from specific recycle materials. Tours can be scheduled Monday – Friday, 8 a.m. – 6 p.m. and Saturday, 8 a.m. – 5 p.m.

Contact: Minot Vocational Adjustment Workshop
Recycling Center

Towner State Nursery

Grade Levels: K-12, Educator, Adult

Description: The Towner State Nursery is the only conifer seedling nursery in North Dakota. The 160-acre facility is operated by the North Dakota Forest Service. The nursery has been in operation since 1951. The Towner State Nursery annually produces 1.5 million trees. Trees are sold in North Dakota, surrounding states and Canada. Tours are available Monday-Friday from 8 a.m. to 5 p.m. spring lifting and transplanting in April and May are the best times to see the operations in action.

The nursery has a wide variety of cleaned pine cones available for school art projects. UPS shipping may be required for large orders.

Contact: Towner State Nursery

Workshops

Aquatic Education Whale Workshop

Grade Levels: Educators and adults working with grades K-12

Description: Whale workshops for Aquatic Education provide an activity guide which emphasizes aquatic wildlife and ecosystems. Six-hour whale workshops are conducted for teachers in order for them to receive the Aquatic Activity Guide. In addition, a 50-foot plastic whale is used as an incentive for educators to attend workshops and learn how to utilize the whale with students and teach units on oceans. Local aquatic species like paddlefish are used to interest educators in teaching students about North Dakota fishes. Each of the ten teacher learning centers in North Dakota have a whale for teachers to check out and set up workshops to train teachers about use of the whale. These in-service/workshops are mandatory in order to receive or use any of the Project WILD materials.

Contact: North Dakota Game & Fish
Project WILD

City of Williston Recycling Center

Grade Levels: 1-8, Educator, Adult

Description: The City of Williston Recycling Center offers a Recycling Awareness Program (RAP). The program consists of a video or lecture (depending on audience), and fun, hands-on activities. Highlights of the program are: sorting “garbage” into recycling categories, and discussing what happens after we recycle the commodities. (Note: only recyclables accepted at the Williston Recycling Center are discussed.)

Cost: No cost for City of Williston-service groups or schools

Contact: City of Williston Recycling Center

Dakota Dinosaur Museum Educational Program

Grade Levels: Pre-K – 12, Educator, Adult

Description: The Dakota Dinosaur Museum provides and implements an educational program that reaches all ages and levels throughout the community in learning about the earth sciences, fossils and dinosaurs. The educational program is available throughout the state by bringing the museum to the community in the form of educational presentations – lyceums, guest speakers, in-service workshops.

Cost: Museum - \$1 - \$5/Person

Contact: Dakota Dinosaur Museum

**Devils Lake Wetland Management District &
Sully's Hill National Game Preserve
Regional Environmental Learning Center**

Grade Levels: Pre-K – 12, Educator, Adult

Description: Sully's Hill National Game Preserve (NGP) is part of the Devils Lake Wetland Management District. Not only is the manager of Sully's Hill NGP available for talks, presentations or classes, but several other district staff are available, too. We can give our presentations at the Regional Environmental Learning Center at Sully's Hill NGP or we will go out into the community, as requested. The preserve, as well as the district, is managed by employees of the US Fish and Wildlife Service. We all have different areas of expertise that can benefit various audiences.

It is advised that people call Pam Orr at Sully's Hill NGP to obtain further information on specific topics that can be addressed to the district's staff. There is no charge for this service.

Contact: Devils Lake Wetland Management District
Sully's Hill National Game Preserve

Energy & Environmental Research Center

Grade Levels: Educators

Description: The Environmental Education committee is active in several areas of education. In cooperation with the North Dakota Forest Service, the committee hosts environmental education workshops for teachers of grades K-12. The 15-hour, 1-credit workshops explore uses of the "Project Learning Tree" curriculum, a package of hands-on activities that focuses on helping children develop critical thinking skills so they can learn to make wise decisions about the use of our air, land and water resources.

Contact: Energy & Environmental Research Center
University of North Dakota

Fort Berthold Community College

Grade Levels: Educator, Adult

Description: Fully accredited two-year Tribally chartered Community College offering degree programs in Science, Environmental Science, Math and many other areas. Regularly conducts teacher training workshops for K-14 educators in many different science, environmental and education topics.

Contact: Fort Berthold Community College

Gateway to Science Center

Grade Levels: Educator, Adult

Description: Located in Bismarck's Gateway Mall, Gateway to Science Center is a hands-on exhibits gallery where children of all ages can explore scientific concepts in a fun way. Graduate level workshops prepare teachers in the state to better instruct their students in specific science areas.

Cost: Program fee vary

Contact: Executive Director, Gateway to Science Center

International Project Learning Tree Workshop

Grade Levels: Educators and Adults working with Grades K-12

Description: The North Dakota Forest Service and Manitoba Forestry Association have formed a partnership to promote an International "Project Learning Tree" (PLT) workshop designed for American and Canadian teachers and other educators working with students in Pre-K through grade 12.

The workshop is held every five years each summer at the music camp facilities in the beautiful International Peace Garden, located on the border between Canada and the United States.

PLT provides ready-made, interdisciplinary lessons that are local, national and global in scope. A Pre-K - 8 activity guide is available or a series of independent activity modules focused on critical environmental topics and associated issues for grades 9-12. PLT curriculum is "classroom friendly", requires minimal preparation, and according to teachers and students, is fun to use!

Cost: \$XX US funds for board, room and tuition. The next workshop is scheduled for 2010.

Contact: North Dakota Forest Service, PLT Coordinator

Leopold Education Project

Grade Levels: 8-12

Description: The Pheasants Forever (PF) education staff conducts facilitator workshops throughout the country. Facilitators are trained to do educator workshops in their schools and communities. Facilitators are usually sponsored at a grassroots level through their local PF chapter and other conservation groups. Facilitator workshops are usually conducted over the course of a week-end. Meals, lodging, workshop costs and materials are included in the scholarship. Facilitators receive 25 texts (A Sand County Almanac); a copy of the teachers guide; a copy of the video "A Prophet for All Seasons" and a three ring binder facilitator manual. Facilitators, then, conduct educator workshops that are eight hours in length and participants typically receive a teacher's guide, a copy of "A Sand County Almanac" and a copy of the video.

Cost: Educator workshop costs and facilitator workshop costs are generally sponsored by Pheasants Forever chapters at the local level.

Contact: Leopold Education Project
Pheasants Forever

Lignite – Our Regional Resource: Energy, Economics and Environment

Grade Levels: Educators and adults working with grades 1-12

Description: The Lignite Energy Council annually sponsors three seminars for elementary and secondary teachers from Minnesota, Montana, South Dakota and North Dakota. These seminars provide teachers with the information and educational materials they need to teach their students about lignite-our regional resource: energy, economics and environment. The 1998 seminars will be held on June 3-5, June 10-12, and June 17-19 at Bismarck State College. Scholarships are available for out-of-state teachers.

Cost: %50 – includes room and board and one semester credit from UND

Contact: Lignite Energy Council, Director of Education

North Dakota Project WET (Explore Your Watershed)

Grade Levels: Educators and Adults working with K-12

Description: Project WET Explore Your Watershed is a water education program of instructional courses, workshops, and seminars, in-service, and pre-service opportunities and supplemental curriculum materials for people working with kindergarten through high school age youth.

First developed and implemented in North Dakota, Project WET (Water Education for Teachers) Explore your Watershed now incorporates a national water education program for K-12 and pre-service teachers, youth leaders and natural

resource specialists. Project WET Explore Your Watershed is an interdisciplinary and supplemental water education program which facilitates and promotes the learning, exploration and stewardship of water resources through the development of indoor and outdoor educational experiences and the dissemination of classroom-ready teaching aids. Materials explore how water interacts with the human and natural environments within watersheds.

Project WET Explore Your Watershed educational programs, resources and materials address a wide range of water resource issues and topics and water related disciplines, taking into consideration the various learning styles of educators and youth and are designed to “fit” into existing subjects and curriculum. Other characteristics of Project WET programs include hands-on, self contained, easy to use, non biased age-appropriate.

The Project WET K-12 curriculum and activity guide and other North Dakota supplemental guides are available to educators only through attendance at certain non-credit and credit Explore Your Watershed workshops and courses. Non-credit workshop: 6 contact hours. One graduate credit course: 15 contact hours. One semester hour of graduate credit is optional and available through Minot State University for an additional \$35 fee. Offered throughout the year. Three graduate credit course (Summer Institute): 45 contact hours. Three semester hours of graduate credit is optional and available through Minot State University for an additional \$35 fee. Offered annually in July.

Cost: Non-credit workshop: \$15. One credit workshop: \$xx per person. Three credit workshop (Summer Institute): \$xxx per person (variable)

Contact: Project WET Director
ND State Water Commission

North Dakota Water Education Foundation

Grade Levels: Educators and adults working with grades K-12

Description: Conduct workshops, seminars and conferences to increase public awareness and understanding about water issues.

Cost: Varies with each workshop – minimal costs.

Contact: North Dakota Water Education Foundation

North Dakota Wetlands Discovery Guide

Grade Levels: Educators and adults working with grades K-12

Description: The “North Dakota Wetland Discovery Guide” is intended to facilitate and promote awareness, appreciation, and knowledge of North Dakota’s wetland resources. The guide is an interdisciplinary wetland activity guide for K-12 grade educators. The guide was developed specifically for ND educators, by ND education and natural resource professionals, and about ND wetland resources

The guide features 24 prairie wetland associated activities. The broad topic areas included in the guide are: introductory activities, wetland functions, wetland and society, and wetland community. It also features a brief history of North Dakota wetlands, and a recommended wetland teaching unit guide. Each activity contains an activity abstract, intended learning outcome, activity rationale, student prior knowledge, topic background information, materials list, step-by-step procedures, activity extensions, and evaluation methods. The guide is published by the North Dakota Wetland Institute, a division of the North Dakota Water Education foundation. The Guide may be obtained by participating in a Water Education for Teachers (WET) workshop.

Contact: North Dakota Water Commission

Project Learning Tree

Grade Levels: Educators and adults working with grades Pre-K – 12

Description: PLT provides ready-made lessons and activities that can be incorporated into busy Pre-K – 8 classroom schedules. The high school curriculum features a series of independent activity modules focused on critical environmental topics and associated issues. Attending a workshop is the only way to receive either a Pre-K – 8 guide book or the high school modules.

Workshops can be designed to meet the specific needs of your group anywhere. Find your own site at a school, library or camp...or ask for assistance from your State Coordinator. Evenings, after school or week-ends can be arranged. Non-credit (6 contact hours are required and a minimum of 10 participants); or graduate credit workshops (15 contact hours are required and a minimum of 15 participants) are available.

Cost: \$10 per person for non-credit workshop. \$xx per person includes one semester hour of graduate credit from NDSU.

Contact: North Dakota Forest Service, PLT State Coordinator

Project S.W.E.A.T.

Grade Levels: Pre-K – 6

Description: Project S.W.E.A.T. (Solid Waste Education and Training is the name for the Division of Waste Management’s environmental education effort. The Division protects the public’s health and safety through regulations addressing solid and hazardous wastes. Primarily, the Division inspects, permits and enforces solid waste management facilities. The Division believes education is the first step of compliance. However, recognizing the importance of teachers and the value of children who love their environment, the Division created Project S.W.E.A.T. to give approximately \$75 of the best help money can buy to teachers already inspiring children to become good earth stewards.

Project S.W.E.A.T. workshops are free. They are four hours in length. Continuing Education Units are being offered with the North Dakota State University. The nominal filing fee can be sent directly or handled immediately after the workshop. Workshops are generally limited to teachers, but youth leaders, recyclers and government officials are welcome to attend if they regularly present environmental education to children (for free). Project S.W.E.A.T. targets education professionals during the K-6 life of the child.

Contact: State Recycling Coordinator
North Dakota Department of Health

Project WILD/Aquatic Education

Grade Levels: Educators and adults working with grades K-12

Description: Project WILD/Aquatic Education is an interdisciplinary conservation and environmental education program emphasizing wildlife. The program is designed for education of kindergarten through 12th grade. Project WILD uses kid’s interest in wildlife to provide hands-on activities that enhance learning in all subjects and skill areas. Project WILD is sponsored in North Dakota by the ND Game and Fish Department and is currently found in all 50 states. Over 500,000 teachers have attended 6-hour mandated workshops to receive these materials. Workshops are being set up by the ten Teacher Learning Centers in the state.

Contact: North Dakota Game & Fish
Project WILD

State Energy Program – Energy Efficiency & Renewable Energy Education

Grade Levels: Educator

Description: State Energy Program, with North Valley Voc-Tech, Grafton offers renewable energy teacher in-service. Continuing ed credit available from UND.

Cost: Continuing Ed fees

Contact: ND Office of Intergovernmental Assistance
State Energy Program

Turtle Mountain Environmental Learning Center Presentations

Grade Levels: K-12, Educator, Adult

Description: The Turtle Mountain Environmental Learning Center (TMELC) is a special environmental education program of the ND Parks and Recreation Department. It was established in 1985 at Lake Metigoshe State Park in the Turtle Mountains, near Bottineau. The purpose of the TMELC is to develop and heighten awareness, understanding, and appreciation of the natural world and the concern of the environment. This is accomplished through workshops, programs and activities dealing with the forests, lakes, birds, wildlife, and human's association with them.

A selection of more than 20 hands-on, natural history and environmental programs are available through the TMELC. All equipment and instruction are provided. The TMELC also offers a Nature In The Classroom program. This is an exciting way to bring nature into the classroom—The TMELC comes to you.

All programs can be designed to meet the needs of your group both in program content, age level and length. The TMELC offers both day-use programs as well as Residential programs.

Cost: \$3/participant. Depends on program topic chosen.

Contact: Turtle Mountain Environmental Learning Center,
TMELC Coordinator

Wild Box Workshop

Grade Levels: Educators and adults working with grades K-12

Description: The Project WILD Box is designed as a follow-up in-service workshop for teachers who have already taken a Project WILD/Aquatic Education Workshop. The Wild Box contains numerous animal parts that educators can use to teach students such topics as adaptations, animal tracks, sex and age of various species. The Box contains video tapes and a book of activities and information on the species parts contained in the Box. The ten Teacher Learning Centers set up workshops on the use of the box and checks them out to teachers to use.

Contact: North Dakota Game & Fish
Project WILD

Kits

Christmas Tree Recycling

Grade Levels: 4,5

Description: This package includes a kit with camera-ready activity sheets and a seven-minute video describing some ways Christmas trees can be recycled.

Contact: NDSU Extension Service
Youth and Family

Discover Mining – A Speakers Resource Kit

Grade Levels: 7-12, Educator, Adult

Description: A tool by the National Mining Association designed to facilitate public understanding of mining and its importance to our nation. You will find everything you need to tell the good news story of mining's positive effect on the daily lives on every American. The printed material and video contain interesting and informative facts about mining including how the products of mining are used by everyone everyday; the effect mining activity has on the economy; and the exceptional legacy of environmental stewardship the industry has accomplished over the past two decades.

Contact: Director of Education, Lignite Energy Council

**Energy Source Teaching Kit
State Energy Program**

Grade Levels: K-8

Description: Five energy source teaching kits available:

Offalot

Brightland

Fossil Fuel Junction

Power Switch

Energy in American History

Contact: North Dakota Office of Intergovernmental Assistance
State Energy Program

Cost: Loan only

Contact: Director of Education, Lignite Energy Council

Global Climate Change

Grade Levels: 7-12, Educator, Adult

Description: A Speakers Resource Kit by the National Mining Association designed to facilitate public understanding of the global climate change issue and the important policy considerations now underway. Included is a sample speech, speaking tips, issue background papers, and a short video containing comments from numerous scientific and economic experts.

Cost: Loan only

Contact: Director of Education, Lignite Energy Council

Go Kit

Grade Levels: 1-12, Educator, Adult

Description: Kit for classroom speakers produced by the National Mining Association. Includes binder of activity pages for various age levels, that can be copied; teaching guides; two videos; posters; background information and other resource lists.

Cost: Loan only

Contact: Director of Education, Lignite Energy Council

PLT & SAF Teacher's Forestry Kit

Grade Levels: K-12, Educator

Description: The North Dakota Forest Service and ND Society of American Foresters have put together twelve "Teacher Forestry Kits" which are available free on loan. The kit includes laminated and identified leaves, tree cookies, cones and activities for students.

Cost: Free on loan

Contact: North Dakota Forest Service OR
Your local Teacher Learning Center

Poster Contests

Arbor Day Poster Contest

Grade Levels: 5

Description: The Arbor Day Poster Contest is designed to increase awareness of the tremendous impact human activities are having on the environment, foster good stewardship and to encourage the celebration of Arbor Day. Each school selects one winner and forwards it to the state chair. One state winner will be selected and receives a \$50 US savings bond and plaque. Contact the poster contest chair early in January for contest guidelines.

Contact: North Dakota Forest Service

Keep North Dakota Clean

Grade Levels: K-6

Description: Keep North Dakota Clean, Inc. (KNDC) is a 501 (c) 3 nonprofit organization dedicated to preventing litter and conserving natural resources. Since the mid-1960s, KNDC's main focus has been an annual poster contest. Children from across the state, in grades K-8 and special needs choose from themes such as litter prevention, tree planting and recycling. Check out the web site for details at: <http://www.dot.nd.gov/kndc.html>.

The top three winners in each grade level are invited to a free luncheon with their families and teachers. The first place posters selected are placed on outdoor billboards and located along a major transportation route near to the child's hometown. Keep North Dakota Clean celebrates children taking care of the environment.

Contact: Keep North Dakota Clean, Inc.

Smokey Bear Poster Contest

Grade Levels: 2

Description: School children in grades 2 are invited to participate in the Smokey Bear Poster Contest each year. The contest is an effort to help educate youth about the importance of preventing accidental, human-caused forest fires, and to get personally involved in cleaning up the environment. Poster contest rules may be obtained in early January, sponsored by the ND State Garden Clubs and the ND Forest Service. This contest is now part of the Keep North Dakota Clean Poster Contest.

Contact: North Dakota Forest Service

Trunks

Discover a Liquid Treasure North Dakota Water Resources SEND Trunk

Grade Levels: K-12, Educator

Description: The trunk contains nineteen different water resource artifacts (man-made objects) and reproductions that may be examined and explored independently or as part of the water resource classroom activities. It includes images drawn from collections of the State Historical Society and other sources. The Teacher Guide contains background information and brief overview essays on North Dakota water resource history, and guidelines for learning how to interpret artifacts, photographs and documents. The guide includes suggested water resource classroom activities, audiotapes and videotape.

Cost: \$10.00 user fee and a \$10.00 UPS fee (if needed)

Contact: SEND Program
State Historical Society of North Dakota
Education and Interpretation Division

EnviroScape Unit Water Resource Environmental Programs (Project WET)

Grade Levels: 1-12, Educator, Adult

Description:

Basic EnviroScape Unit: The three dimensional EnviroScape watershed model, made of durable plastic and fiberglass, comes with a heavy duty carrying case with wheels and a clear fiberglass base to hold all EnviroScape add-on watershed scenarios. The basic unit comes complete with houses, barn, factory with drain pipe, treatment plant, trees, golf flags, cows, cars and best management practices such as buffer strips, clay for beams and manure container. Even includes soil, oils, bridges, water catcher rainmaker, water plug, "User's Guide and Handle with Care Water" Pollution guide.

Water Pollution Scenario: The water pollution watershed model contains separate landscape top for use on the EnviroScape clear base. The model comes complete with all the materials listed under the basic EnviroScape unit. The model shows a watershed and its many land uses-urban, industrial/commercial farm, highway, forest, streambank and lake shore. Students of any age learn about watersheds, how water pollution occurs and how it can be prevented, specific sources of point and non-point source water pollution, how excess rain can lead to water pollution, why man's impacts on land uses can lead to water pollution, best management practices (BMPs) and how they can help prevent water pollution and other water pollution concepts.

Continued EnviroScape Unit Water Resource Environmental Programs (Project WET)

Wetlands Scenario: The wetlands watershed model contains a separate landscape top for use on the EnviroScape clear base. The wetlands model demonstrates the basic functions and values of wetlands and how man's activities on the land affect wetlands. Many types of wetlands can be demonstrated including constructing and restoring wetlands. The model comes complete with shopping center and parking lot, marina and boat slips, rainmaker (spray bottle), assorted wetlands (sponges and felt strips), plant roots (cotton swabs), measuring cup, data sheet and "Supplementary User's Guide." Other components of the basic EnviroScape unit should also be used.

Hazardous Waste Scenario: The hazardous waste watershed model contains a separate landscape top for use on the EnviroScape clear base. The hazardous waste model demonstrates potential sources and problems of hazardous waste contamination, how hazardous waste sites are cleaned up and how hazardous waste sites can be prevented from adversely affecting water resources. The model comes complete with buildings, assorted buffer strips, barrels, baseball diamond, train, semi-trailer truck, wells, storage tanks, trash, cap and monitoring pipe, flashlight and "Supplementary User's guide." Other components of the basic EnviroScape unit should also be used.

Cost: If shipped, UPS return cost

Contact: Project WET Director, ND State Water Commission

Groundwater Trunk Education Program (Project WET)

Grade Levels: K-12, Educator, Adult

Description: The groundwater Flow Model and accompanying aids enable students of any age to learn about porosity, permeability, water tables, artesian wells, water pollution and many other groundwater concepts. As the model is constructed with a clear plexiglass front, an observer can watch how water and contaminants introduced into the system move through underground rock formations and how water is affected by obstacles like a leaking lagoon, storage tank or pumping well.

The three dimensional groundwater flow model shows a groundwater system and its many components: recharge and discharge areas; injection, observation and pumping wells; sand and gravel unconfined aquifer; artesian well and confined aquifer; leaky lagoon, landfill or septic tank; lake or river; coal seam; and coarse sand wedge. All model components are labeled in easy-to-read print.

The model comes equipped with all needed operating equipment, user's guide and video for operation, a K-12 activity guide, Project WET secondary level module of reference materials, case studies, activities and service project ideas, groundwater mini-reference library, groundwater and related posters and other audio-visual and educational materials. Call or write the Teacher Center in your local area to reserve a trunk. Trunk reserved on a first come basis. Trunks loaned for up to a two-week period.

Cost: No cost if picked up and returned by user. Otherwise, shipping paid by user.

Contact: Teacher Centers are located in Williston, Minot, Devils Lake, Grand Forks, Mayville, Fargo, Wahpeton, Valley City, Bismarck and Dickinson.

Investigate Water Pollution in a Watershed EnviroScape Water Pollution Trunk

Grade Levels: K-12, Educator

Description: The trunk contains a three dimensional EnviroScape watershed model and suitcase, user's guide, location key, handbooks, props, posters, videos, teacher guides, mini library and curriculum guides.

Contact: ND State Water Commission
Project Wet Director

Prairie Discovery Trunk

Grade Levels: K-12, Educator

Description: The trunk is designed for use by teachers and other educators working with grades K-12. The trunk includes a teacher's guide, reference materials, four videos, two books, poster, four unique puppets, prairie animal hides and skulls, slide show, two felt storyboards, butterfly and moth collection, rubber stamps, buffalo costume and plant clue bag.

Contact: U.S. Fish & Wildlife Service
Ecological Services Division

Prairie Ecosystem Box

Grade Levels: K-8

Description: An educational tool on Prairie Ecosystem including a Teacher's guide and activity book in a box. The Teacher's guide provides prepared lesson plans covering four sections: 1) The Prairie: A Dynamic Ecosystem; 2) The Human Prairie Connection; 3) Prairie Wildlife; and 4) Preserving the Prairies. The sequentially arranged sections provide a general progression of information from general background to specific concluding activities. Each lesson is designed to stand by itself and can be taught in any order. The lesson plan includes instructions, objectives, background information and detailed activities. The box also contains reference material; from videos to puppets, animal pelts to books.

Cost: App. \$10.00 one way to ship UPS

Contact: Custer National Forest
North Dakota Coordinator Office

Prairie Wetlands Education Trunk

Grade Levels: 1-8, Educator

Description: The trunk will include three unique wetland animal puppets, a script, and animal information: three interactive learning stations: wetland animal adaptations game (with game cards, photographs, animal tracks, clay for molds and hands-on challenges), amphibian trivia game (with wooden game frogs, game cards and bug awards), aquatic habitat and plant puzzle activity (with habitat puzzle, game cards, and interesting plant and wetland habitat facts); videos; posters and five wetland animal pelts.

Contact: U.S. Fish & Wildlife Service

Project WILD/Aquatic Box

Grade Levels: K-12, Educator, Adult

Description: The Project WILD Box is designed as a follow-up in-service workshop for teachers who have already taken a Project WILD/Aquatic Education Workshop. The Wild Box contains numerous animal parts that educators can use to teach students such topics as adaptations, animal tracks, sex and age of various species. The box contains video tapes and a book of activities and information on the species parts contained in the Box. The ten Teacher Learning Centers set up workshops on the use of the box and checks them out to teachers to use.

Contact: ND Game & Fish Department
Project WILD

Suitcase Exhibits for North Dakota (SEND)

Grade Levels: K-12

Description: What will you find in SEND?

-Artifacts: Each trunk contains objects or artifacts and reproductions that maybe examined and explored.

-Photographs: Drawn from the collections of the State Historical Society, historical and contemporary photographs provide visual study opportunities

-Documents: Historical records, diaries and other primary materials from the State Historical Society's State Archives encourage critical thinking.

-User Guide: Contains background on ND history, brief overview essays on each them and suggested project activities.

Cost: \$10.00 user fee plus \$15.00 shipping fee

Contact: State Historical Society of North Dakota
Educational Programs Coordinator

Take an Underground Adventure

Grade Levels: K-12, Educators

Description: The groundwater trunk education program includes: groundwater flow model, activities guides, operating equipment, videos, teacher's guides, reference mini-library, storybook, posters, maps, "Wet Groundwater Manual" and related transparencies.

Contact: Your local Teacher Center OR
ND State Water Commission – WET Program

Other

Cross Ranch State Park

Grade Levels: K-12, Adult

Description: Cross Ranch State Park, North Dakota's newest state park, was established in 1989 as a state centennial project. Situated on the banks of the Missouri River, Cross Ranch State Park offers a glimpse of what explorers Lewis and Clark discovered as they passed through this area in 1804 and 1806.

These few remaining miles of free flowing Missouri River offer an opportunity to explore the largest remaining floodplain woodlands in North Dakota, wooded terraces and native upland prairies.

Interpretive programs are offered to grades K through 12 and include general hikes and hands-on activities addressing a variety of outdoor educational experiences.

Programs can be designed to meet the needs of your group in program content, age level and length. All programs are day-use programs.

Cost: \$3 daily entrance vehicle pass and a voluntary donation of \$1 per student per program

Contact: Cross Ranch State Park

The Dakota Dinosaur Museum

Grade Levels: Pre-K, Educator, Adult

Description: The Dakota Dinosaur Museum provides and implements an educational program that reaches all ages and levels throughout the community in learning about the earth sciences, fossils, and dinosaurs. The museum's exhibits include ten full scale dinosaurs, a vast variety of vertebrate and invertebrate fossils, excellent rock and mineral collection, plants, mammals, reptiles and seashell collection.

The educational program provides a variety of activities for visitors (students) to take part in. A few are: Dinosaur Trivia Challenge, Scavenger Hunt, simulated Dinosaur Dig, Rock and Mineral Maze, Earth Science Challenge. The program is also available throughout the State by bringing the museum to the community in the form of educational presentations.

Cost: \$1 to \$5/person

Contact: Dakota Dinosaur Museum

Earth Day

Grade Levels: K-12, Educator, Adult

Description: Join in the celebration of Earth Day by planting trees on April 22 each year. To obtain tree planting information, contact the North Dakota Forest Service.

Contact: North Dakota Forest Service

Endangered Species Tub

Grade Levels: 1-12, Educator

Description: The tub is designed for use by teachers and other educators working with grades 1-12. Items in the tub include games, videos, puzzles, computer disks, wolf hide, peregrine falcon wing, preserved pallid sturgeon and posters.

Contact: U.S. Fish & Wildlife Service
Ecological Services Division

Fort Berthold Community College

Grade Levels: All, Educator, Adult

Description: Fully accredited two-year Tribally chartered Community College offering degree programs in Science, Environmental Science, Math and many other areas. Regularly conducts Teacher Training workshops for K-14 educators in many different science, environmental, and education topics.

Contact: Fort Berthold Community College

Gateway to Science Center

Grade Levels: 1-12, Educator, Adult

Description: Located in Bismarck's Gateway Mall, Gateway to Science Center is a hands-on exhibits gallery where children of all ages can explore scientific concepts in a fun way. Traveling exhibits are on display twice per year (spring and fall), and offer visitors a chance to experience new and different concepts each time they visit. In addition, Gateway to Science Center offers education programs for children twice per month during the school year on a variety of science-related topics. Summer educational programs are also offered for children. Graduate level workshops prepare teachers in the state to better instruct their students in specific science areas. Gateway to Science Center hosts hundreds of children each year on school field trips. As an educational resource in the community, Gateway to Science Center collaborates with other organizations to offer quality exhibits and programs. Hours: Sunday-Friday, Noon – 5 pm (Closed on national holidays). Children under 10 must be accompanied by an adult. Memberships are also available.

Cost: Admission: Adults - \$3, Children (ages 6-18) - \$1, under 6 – free.

Contact: Executive Director, Gateway to Science Center

Proper Balance – Board Game

Grade Levels: 7-12, Educator, Adult

Description: “Proper Balance”...the game of Proper Land and Resource Management helps individuals determine wise use of land management practices that benefit both the players and natural resources (water, air, soil, plants and animals). The “Proper Balance” educational packet is designed to fit the classroom setting by providing a three-day (one period/day) curriculum to reinforce concepts learned.

Cost: Purchase = \$45.00 & S/H OR
Rent from local Soil Conservation District

Contact: Central Stark & Western Soil Conservation Districts

Smokey and His Friends

Grade Levels: 2-6

Description: A one-act play, complete with ten masks, stage directions and script which can be used again and again. Smokey Bear and his friends discuss fire.

Cost: On loan

Contact: North Dakota Forest Service

Sully’s Hill National Game Preserve Regional Environmental Learning Center

Grade Levels: All, Educator. Adult

Description: Sully’s Hill National Game Preserve (NGP) Regional Environmental Learning Center consists of three major facilities (visitor center and two classrooms), a nature trail, a lake and an auto tour. In the visitor’s center there are interactive EE displays. In the classrooms, there are test tubes to plant presses. One of the classrooms is fully outfitted from a closed school’s science department. The students can walk outside of the classrooms to a couple of areas we call our outdoor classrooms and take leaf samples, water samples, study wetland vegetation, tree bark, animal scat, etc. They also can do many activities while hiking the nature trail. They can identify animal tracks. Listen to bird calls, study fungi, look at habitats for all kinds of wildlife just to name a few activities.

Inquiries welcome by potential users. Learn how the center best fits particular classes, workshops or presentations. Use of any part of the center is free!

Contact: Sully’s Hill National Game Preserve

Tree Cookies

Grade Levels: K-12, Educator, Adult

Description: Two-inch cookies of twenty-two different species, dried and sanded are available.

Cost: \$10 per set

Contact: North Dakota Forest Service

Turtle Mountain Environmental Learning Center

Grade Levels: K-12, Educator, Adult

Description: The Turtle Mountain Environmental Learning Center (TMELC) is a special environmental education program of the North Dakota Parks and Recreation Department. It was established in 1985 at Lake Metigoshe State Park in the Turtle Mountains, near Bottineau. The purpose of the TMELC is to develop and heighten awareness, understanding and appreciation of the natural world and the concerns of the environment. This is accomplished through workshops, programs and activities dealing with the forests, lakes, birds, wildlife and human's association with them.

A selection of more than twenty hands-on, natural history and environmental programs are available through the TMELC. All equipment and instruction are provided. The TMELC also offers a "Nature in the Classroom" program. This is an exciting way to bring nature into the classroom--The TMELC comes to you.

Cost: \$3/participant – Depends on which program topic is chosen

Contact: Turtle Mountain Environmental Learning Center

Annotated Bibliography of the Geology of North Dakota 1806-1959

Grade Levels: Educator, Adult

Description: Miscellaneous Series No. 49 by Mary Woods Scott (1972), 132 pages. Comprehensive listing of geologic projects in North Dakota from 1806 until 1959. Useful tool for educators trying to gather background information and list available references for specific topics.

Cost: \$3.00 + postage and handling, if order is to be mailed

Contact: ND Geological Survey, Publications Clerk

Annotated Bibliography of the Geology of North Dakota 1960-1979

Grade Levels: Educator, Adult

Description: Miscellaneous Series No. 60 by Mary Woods Scott (1981), 287 pages. Comprehensive listing of geologic projects in North Dakota from 1960 to 1979, Useful tool for educators trying to gather background information and list available references for specific topics.

Cost: \$3.00 + postage handling, if order is to be mailed

Contact: ND Geological Survey

Bibliography of the Geology of North Dakota 1980-1993

Grade Levels: Educator, Adult

Description: Miscellaneous Series No. 83 by Larry Greenwood, Thomas Heck, Robert Biek and John Bluemle, (1996), 370 pages. Comprehensive listing of geologic projects in North Dakota from 1980 until 1993. Useful tool for educators trying to gather background information and list available references for specific topics.

Cost: \$10.00 + postage and handling, if order is to be mailed.

Contact: ND Geological Survey, Publications Clerk

Association of American State Geologists Earth Science Education Source Book (1995)

Grade Levels: Educators, Adults

Descriptions: 130 pages. The Association of American State Geologists Source Book is a compendium of earth science education materials and services available from the 50s/Stat Geological Surveys in the United State, Puerto Rico and the Association of American State Geologists. It is intended to be primarily a quick reference for teachers seeking references for their classrooms, but is also useful to post secondary educators, mineral and fossil collectors and hobbyists. The Source Book provides the Survey's name, name of contact person, ordering address, telephone and FAX numbers as well as e-mail addresses.

Cost: \$32.50 for paper copy of entire volume or \$2.50 for 3.5 inch IBM compatible computer disk + postage and handling, if order is to be mailed (disk format is WordPerfect 5.1/5.2 compatible file). Information for individual states can be sent upon request.

Contact: ND Geological Survey, Publications Clerk

Trees Awards

Grade Levels: Youth and Adults

Description: The North Dakota Forest Service annually seeks nominations for the Trees Awards. There are 14 award categories to honor recipients for outstanding achievements in tree planting and care. Recipients receive a special plaque at a recognition ceremony with the NDSU president and State Forester. They are also honored with a luncheon and recognized during halftime of the NDSU Trees Bowl in the Fargodome.

The categories include: Business Association, Citizen Forester, City, Commercial Developer, Communicator, Forest Resources Educator, Forest Resources Youth Leader, Government Agency, Residential Developer, Service Club, Student Tree Planters, Tree Steward, Wildlife Landowners and the Worthington Award for Youth.

Anyone may nominate an individual or organization. Write to obtain a description of each category and a nomination form in July of each year.

Contact: North Dakota Forest Service

Conservation in My Backyard Essay

Grade Level: 6

Description: Ramsey County 6th grade students write one page on "Conservation in My Backyard". Overall winner awarded \$50 savings bond and T-shirt. Each class winner awarded a T-shirt and all participants receive a pen or pencil from the district.

Contact: Ramsey County Soil Conservation District

Eco-Ed Camp

Grade Levels: 6, Educator

Description: The ECO-ED Camp is an annual event conducted in September for all sixth grade students in Barnes County, ND. During the two-day camp, students are rotated through four 50-minute sessions which address rangeland management, woodland/prairie habitats, wildlife, water quality and soil erosion. Instruction provided by personnel from various local/state/federal agencies. Students receive an opportunity to get hands-on instruction on the inter-relationship of all natural resources in North Dakota. Through out all the sessions, particular emphasis is placed on water quality and the impact poor water quality can have on other natural resources. The project is carried out a Wesley Acres Campground, and teachers from the students regular classrooms attend the sessions with their students.

Plans are currently underway to expand the ECO-ED Camp program to a state-wide project.

Cost: Variable

Contact: Barnes County Soil Conservation District

Great Aluminum Can Roundup

Grade Levels: Pre K-12, Educator, Adult

Description: The Great Aluminum Can Roundup is about children, recycling and aluminum cans. There is never any charge to join, no administrative requirements and it's FUN! Teachers, scout masters/leaders, 4-H, FHA and FFA club advisors should all feel welcome at the Great Aluminum Can Roundup.

When you join, you will receive (for free) blue ribbon stickers, lots of yellow, red and blue ribbons (children can make up award categories for any activity), and one patch for every student. These patches are great for that "unofficial" patch area on Scout uniforms. Later, you can get trophies, "state Fair" ribbons, samples of aluminum cans, baseball hats, and hundreds of ideas on how to recycle aluminum cans – while teaching kids about the environment, stewardship, and all school subjects.

The North Dakota Health Department can help you plan a program if you really want to get started recycling. By taking cans directly to the recycler, kids can raise money for their school or club.

Contact: ND Department of Health, State Recycling Coordinator

GreenWorks!

Grade Levels: K-12, Educator

Description: GreenWorks! Is a new environmental education and community action program of Project Learning Tree (PLT). PLT teachers and their students can assess community needs, identify environmental action goals, and design and implement projects to achieve results. PLT educators and youth leaders provide guidance on environmental issues, while the Jaycees will lend their experience in organizing and implementing community service projects like planting trees, beautifying empty lots, clean a wetland, etc. Grans for joint community projects are available.

Contact: North Dakota Forest Service

Natural Resource Degree Website – MSU-Bottineau

Grade Levels: 10-12, Educator, Adult

Description: Internet Connections – This is a website that describes course work available for those interested in pursuing a natural resource degree.

Contact: MSU-Bottineau

Outdoor Wildlife Learning Sites (OWLS)

Grade Levels: K-12 Schools, Colleges or Communities

Description: The North Dakota Game and Fish Department is responsible for stewardship of the state's wildlife resources. A part of this effort is to enhance a public appreciation of wildlife, and education is central to this effort

In support of conservation education, the Department has grant money available to schools to create Outdoor Wildlife Learning Sites(OWLS). These outdoor classrooms provide on-the-ground experiences that lead to a greater appreciation of our natural world.

Cost: \$500 matching funds are required to obtain a \$1,500 grant

Contact: OWLS Director, North Dakota Fish and Game

Recycling and Waste Education Awards

Grade Levels: PreK-12, Educator, Adult

Description: The State Recycling Coordinator invites you to nominate your group or organization for a Waste Education and Recycling Award. Each year approximately 20 awards are presented. Award winners receive an attractive certificate; teachers receive a certificate for each of their students, a community press ceremony coordinated by the Health Department and three winners (3 of the 20) receive beautiful maple plaques shaped like North Dakota.

You just need to nominate someone in your community! You may use our form, but all we need to know is who you are, who you are nominating and why. We will investigate all nominations and coordinate with the city officials for your press ceremony. Children love to see themselves on TV, here is your chance to say thank you to that special volunteer or recycler.

Awards can be made for recycler, environmental education, and community service. Someone the Department has nominated our award winners for Federal recognition!

Contact: ND Department of Health, State Recycling Coordinator

Statewide Eco-Education

Grade Levels: 6, Educator, Adult

Description: One/two day camps, with professional instructors teaching value fo water quality in Eco system. Camp is conducted at a site near students homes.

Contact: EE Coordinator, Barnes County SCD

Summer Institute on Water Resources for Educators and Youth Leaders (Project WET)

Grade Levels: K-12, Educator, Adult

Description: Five-day field investigation course on water resources held at the 4-H camp near Washburn, ND, in July of each year for educators and youth leaders. Participants can earn an optional three graduate semester hours of credit through Minot State University. Instructors are water resource experts and specially trained Project WET facilitators from cooperating agencies, North Dakota schools and the State Water Commission. These instructors provide interdisciplinary, real world, hands-on, and relevant strategies for classroom infusion, creative thinking and problem-solving.

Participants select one of two tours on management of water resources, complete four comprehensive water resource field investigation units, and participate in many hands-on water resource activities and simulation models. Demonstrations, tours, discussions activities and investigations involve the region's diverse and unique water and cultural resources. Participants construct homemade water quality sampling test equipment and homemade rainsticks, and are involved in a full evening special WET Olympics.

Field investigation units are conducted in the following water resource areas: stream; lake; wetland and groundwater. Educational hands-on activities and simulation models involve active learning in water quality and quantity, conservation, use, pollution, management and protection. Participants receive Project WET Explore Your Watershed promotional materials, the Project WET K-12 Curriculum and Activity Guide, WOW: The Wonders of Wetlands K-12 Educator's Guide, ND Project WET curriculum Materials, ND Project WET binder full of information of ND Water resources, a wide variety of water resource posters, a statewide water Resource map, glacial drift aquifer map and other water education materials.

The course is limited to 32 participants on a first-come basis and generally begins the third Monday of each July.

Cost: Cost currently depends on funding sources for room, board and materials. and an additional cost for three graduate credits through Minot State University (current fee).

Contact: Project WET Director, North Dakota State Water Commission

US Forested Areas Map

Grade Levels: 4-12, Educator, Adult

Description: Project Learning Tree created a 30"x40" two-sided forest map showing the location of federal lands such as National Forests, wilderness areas, National Parks, Wildlife Refuges, Indian Reservations and others. The map also identifies forested areas in the United States and Territories. On the other side is a full color map showing the location of forest types throughout the world. These include Tropical Rainforests, Seasonal Forests, Temperate Forests, Dry Forests, and Boreal Forests.

Cost: 1-9/\$3 each 10-24/\$2.50 each 45-499/\$2 each 500 + \$1.50 each. Make check payable to Project Learning Tree.

Contact: North Dakota Forest Service

Tesoro Oil Refinery

Clerk
PO Box 5000
Mandan ND 58554
Tel: 701-667-2461
Fax: 701-667-2560

APHIS/Animal Damage Control

1824 North 11th Street
Bismarck ND 58501
Tel: 701-777-4591

Association of North Dakota Geographers

PO Box 9020
Grand Forks ND 58202
Tel: 701-777-4591

Barnes County Soil Conservation District

575 Tenth St SW
Valley City ND 58072
Tel: 701-845-3114

Basin Electric Power Cooperative

1717 East Interstate Avenue
Bismarck ND 58501
Tel: 701-223-0441

Bureau of Land Management

Dickinson District Office
2933 3rd Ave W
Dickinson ND 58601
Tel: 701-225-9148

Bureau of Reclamation

Missouri-Souris Projects Office
PO Box 1017
Bismarck ND 58502
Tel: 701-250-4242

Central Stark & Western Soil Conservation Districts

2493 Fourth Ave W, Room C
Dickinson ND 58601

Chamberlain, Mary

1770 42nd Street SW #307
Fargo ND 58103
Tel: 701-277-9167 (home)
Tel: 701-298-6944 (work)
Fax: 701-241-8109

**Chase Lake Prairie Project
Wetland Management District**

5924 19th Street SE
Woodworth ND 58401
Tel: 701-752-4218
Fax: 701-752-4216

Description: Initiated in 1989, the Chase Lake Prairie Project (CLPP) embraces 5.5 million acres (8,600 square miles) in eleven counties; 97% of this land is privately owned. With its diversity and abundance of wetland (up to 100 per square mile) and adjacent grassy uplands, the project area has always been rich in wildlife. For most duck species, the CLPP provides some of the best breeding grounds within the prairie pothole region.

The Chase Lake National Wildlife Refuge, a cornerstone for CLPP, supports the largest nesting colony of white pelicans in North America. The refuge is surrounded by a sea of native grassland on public and private lands and one of the largest blocks of prairie left in North Dakota. At least 120 bird species nest in this area, and an additional 110 species stop here during their yearly migrations.

City of Fargo

Recycling Coordinator
2301 Eighth Avenue N
Fargo ND 58102
Tel: 701-298-6944
Fax: 701-241-8109

City of Williston

Recycling Center
PO Box 2437
Williston ND 58801
Tel: 701-572-2744
Fax: 701-572-8880

Coal Conversion Counties of ND Association

Center School
Hazen ND 58545
Tel: 701-794-8778

Coteau Properties Company, The

Public Relations Coordinator
HC3 Box 49
Beulah ND 58523
Tel: 701-873-2281
Fax: 701-873-2579

Cross Ranch State Park

Interpretive Coordinator
Cross Ranch State Park
1403 River Road
Center ND 58530
Tel: 701-794-3731
Fax: 701-794-3262

Custer National Forest

North Dakota Coordinator Office
1511 E Interstate Ave
Bismarck ND 58501
Tel: 701-250-4443
Fax: 701-224-8511

Dakota Dinosaur Museum

200 Museum Drive
Dickinson ND 58601
Tel: 701-225-3466
Fax: 701-227-4750

Description: The Dakota Dinosaur Museum provides and implements an educational program that reaches all ages and levels throughout the community in learning about the earth sciences, fossils and dinosaurs. The museum's exhibits include ten full-scale dinosaurs, a vast variety of vertebrate and invertebrate fossils, an excellent rock and mineral collection, plants, mammals, reptiles and seashell collection.

The educational program provides a variety of activities for visitors (students) to take part in. A few are – Dinosaur Trivia Challenge, Scavenger Hunt, Simulated Dinosaur Dig, Rock & Mineral Maze, Earth Science Challenge. The program is also available throughout the state by bringing the museum to the community in the form of educational presentations-lyceums, guest speakers, in-service.

Cost: \$1-\$5/Person

Dakota Resource Council

113 West First Street
Box 1095
Dickinson ND 58601
Tel: 701-845-1490

Dakota Science Center

PO Box 5023
Grand Forks ND 58206
Tel: 701-795-8500

E-mail: director@dakota-science.org

Dakota Wildlife Trust

PO Box 907
Valley City ND 58072
Tel: 701-845-1490

Devils Lake Wetland Management District Sully's Hill National Game Preserve Regional Environmental Learning Center

Box 908
Devils Lake ND 58301
Tel: 701-766-4272
Fax: 701-766-4272

Description: Sully's Hill National Game Preserve is part of the National Wildlife Refuge System managed by the US Fish and Wildlife Service. Administration for the preserve is handled at the Devils Lake Wetland Management District Office (DLWMD) located in Devils Lake, ND; (701) 662-8611. Primary objectives of the DLWMD are wetland habitat preservation and improvement, waterfowl and wildlife production, maintenance of migration habitat, provision of winter cover for resident

wildlife and natural resources education/outreach related activities. The District manages over 41,000 acres of wetlands and other wildlife habitats located on approximately 190 separate Waterfowl Production Areas, Lake Alice National Wildlife Refuge, Sully's Hill National Game Preserve, ten small refuges and 150,000 acres of wetland easements.

Sully's Hill National Game Preserve is managed by Pam Orr. Her office is located on the preserve 701-766-4272. On the preserve, a Regional Environmental Learning Center (RELC) has been developed in the past two years. It consists of a visitor center, two classroom facilities, a nature trail, an auto tour route and a soon to be completed amphitheater.

The RELC was developed to provide a place where curriculums can be taught and information can be disseminated to individuals, private groups as well as large numbers of the general public. The use of this educational learning center is for all, not just staff. At the RELC: teachers have been educated by professors, teachers have held classes for all different grade levels, public programming for visitors has been offered, etc. There is no charge to use the RELC. Please contact Pam Orr for additional information about the RELC.

Dietrich Sanitary Service, Inc.

Recycling Coordinator
PO Box 853
Bismarck ND 58502
Tel: 701-223-4286
Fax: 701-258-4286

Ducks Unlimited

1515 S Columbia Drive
Bismarck ND 58501
Tel: 701-222-0026

**Energy & Environmental Research Center
Environmental Education Committee**

Energy & Environmental Research Center
University of North Dakota
PO Box 9018
Grand Forks ND 58202
Tel: 701-777-5283/701-777-2233
Fax: 701-777-5181

Description: The Energy & Environmental Research Center's (EERC) Environmental Education Committee (EEC) was formed in November 1993 by staff members at the Center who are concerned about promoting environmentally responsible activities at the EERC and in the larger community. The EEC works closely with recycling coordinators in Grand Forks and at the University of North Dakota. Goals of the EEC include facilitating reduction of office and laboratory wastes at the EERC and elsewhere on campus and promoting pollution prevention by working with local schools.

As part of its education program, the EERC offers regular tours of its facilities Monday-Friday for teachers and for students ranging in age from preschool through high school.

Falkirk Mining Company, The

PO Box 1087
Underwood ND 58576
Tel: 701-442-5751 or 701-258-2390
Fax: 701-442-5288

Farmers Union

Box 2136
Jamestown ND 58402-2136

Federal Aviation Administration

Flight Standards District Office
1801 23rd Ave N, Room 216
Fargo ND 58102
Tel: 701-232-8949

Federal Highway Administration

1471 Interstate Loop
Bismarck ND 58501-0567
Tel: 701-250-4204

F.R.E.E. Network
Forest Resource Environmental Education

Attn: Paula
1405 Lilac Drive N, Ste. 130
Minneapolis MN 55422
Tel: 612-595-4053
Internet Website: <http://www.freenetwork.org>

Our Mission: To improve the public's understanding of natural resources and how forest resources can be managed to meet environmental and societal needs now, and in the future.

The FREE Network's first priority is educating children. There are scientifically sound environmental educational materials being produced, but they are only reaching a small portion of the population. The members of the FREE Network decided to take on the task of linking the sources of sound information with educators.

By distributing information directly to educators, members of FREE will act as information liaisons, and challenge themselves and their peers to actively change the public's misperception of the forests, especially that of children.

Rather than reinvent the wheel and design new educational materials, the FREE Network intends to collect and evaluate educational materials already being produced.

Once the materials are evaluated, the information will be catalogued into a central data base and directory. In addition, information will be made available through SEEK (Sharing Environmental Education Knowledge), an environmental education resource directory, which is funded by the state of Minnesota, and which can be accessed through the Internet, CD-ROM, computer disk or via telephone request.

If your company has educational materials, or you know of someone who does, FREE would like to hear from you. Please send materials to the address above.

Fort Berthold Community College

Academic Dean
Box 490
New Town ND 58763

Description: Fully accredited two-year Tribally chartered community college offering degree programs in Science, Environmental Science, Math and many other areas. Regularly conducts teacher training workshops for K-14 educators in many different science, environmental, and education topics.

Foster County SCD

Program Coordinator
Rt#1 Box 33E
Carrington ND 58421
Tel: 701-652-2551 or 701-652-3033

Friendship, Inc.

554 W 12th Street
Grafton ND 58237
Tel: 701-352-0060
Fax: 701-352-0371

Description: Presentations available on precycling, recycling, reducing and reusing. I have a slide presentation on what we do in Walsh and Pembina County, and a video presentation. I set up visual displays along with handouts to all age groups. Several ideas on reusing are demonstrated also.

Garrison Dam National Fish Hatchery

PO Box 530
Riverdale ND 58565
Tel: 701-654-7451

Garrison Diversion

PO Box 140
Carrington ND 58421

Gateway to Science Center

Executive Director
Gateway Mall
2700 State Street
Bismarck ND 58501
Tel: 701-258-1975

Great Plains Wildlife Services, Inc.

Box 1199
Jamestown ND 58402
Tel: 701-252-2773

High Plains Consortium, Inc.

President
PO Box 1292
Bismarck ND 58502
Tel: 701-255-6080
Fax: 701-250-9177

Description: High Plains Consortium, Inc. (HPC) is a professional cooperative providing a wide variety of natural resource, environmental and engineering services. Formed in early 1993, it has grown to include more than 21 staff and associates and offices in Bismarck, Fargo, St. Cloud and Minot. Staff includes several Ph.D.'s and registered professionals representing a wide variety of sciences.

Cost: Travel costs are negotiable

Institute for Ecological Studies

University of North Dakota
PO Box 7110
Grand Forks ND 58202-7110
Tel: 701-777-4215

International Coalition, The

PO Box 127
Moorhead MN 56561-0127
Tel: 218-233-0292

Jamestown College

Dr. Andrew Hennessey
6072 College Lane
Jamestown ND 58405
Tel: 701-252-3467
Fax: 701-253-4318
Internet Website: www.jc.edu
E-mail: hennesse@acc.jc.edu

Throughout its more than 100-year history, Jamestown College has consistently stood for academic excellence and Christian principles in all that it does. Catalogs published by the college from the very earliest years declare the commitment of this institution to the highest and best that it can attain.

The most recent mission statement states: "We are a community dedicated to the development of wholeness in our students through adherence to a curriculum of academic excellence which balances the ideals of the liberal arts tradition and sound professional preparation, within a Christian atmosphere of self-discipline, responsibility, and concern for continuing growth of the individual."

Keep North Dakota Clean, Inc.

PO Box 1138
Bismarck ND 58502-1138
Tel: 701-328-2581 (ND DOT)
Tel: 701-228-5446 (ND Forest Service)

Leopold Education Project

Pheasants Forever
PO Box 75473
St. Paul MN 55175
Tel: 612-481-7142
Fax: 612-481-0715

Lignite Energy Council

Director of Education
PO Box 2277
Bismarck ND 58502
Tel: 701-258-7117
Fax: 701-258-2755
E-mail: lec@btigate.com

Description: Recognizing that the future of the Upper Midwest region depends on an educated and well-informed public, the utilities, cooperatives and mining companies that make up the Lignite Energy Council are sponsoring three seminars for elementary and secondary teachers from Minnesota, Montana, South Dakota and North Dakota.

They also have an order from they send out to teachers every year that shows all the materials available for purchase or loan from the office.

Long Lake National Wildlife Refuge

12000 353rd Street SE
Moffit ND 58560
Tel: 701-387-4397
Fax: 701-387-4767
E-mail: r6rw_11k@fws.gov

Description: Long Lake was established in 1932 by President Herbert Hoover for the production and maintenance of migratory birds. Activity book available for grade school children brought to the refuge.

McQuade-Dietrich Recycling

Marketing Director
310 Enterprise St.
Bismarck ND 58501
Tel: 701-255-1788
Fax: 701-255-4496

Description: We do slide presentations and educational presentations “tailor made” for any age group. Scheduled ½ hour tours are available by phoning one week in advance, Monday to Friday 9 a.m. – 4 p.m. A library of reference material and videos on recycling and waste reduction topics are available for school projects.

MDU Resource Corporate Communications

400 N Fourth St.
Bismarck ND 58501
Tel: 701-222-7773
Fax: 701-222-7865

Minnkota Power Cooperative

Assistant Editor
PO Box 13200
Grand Forks ND 58203-3200
Tel: 701-795-4281
Fax: 701-795-4214

Minot Vocational Adjustment Workshop

Recycling Center
PO Box 1030
605 27th Street SE
Minot ND 58702
Tel: 701-852-1014
Fax: 701-852-1139

MSU-Bottineau

Student Services Office
First & Simrall Blvd.
Bottineau ND 58318
Tel: 701-228-5468
Tel: 701-228-5499
E-mail: ken.grosz@misu.nodak.edu

National Arbor Day Foundation

211 North 12 Street
Lincoln NE 69508

National Audubon Society

North Dakota State Office
Suite 502 – Black Building
118 Broadway
Fargo ND 58102
Tel: 701-298-3373
Fax: 701-298-9097
E-mail: Audubon@rrnet.com

National Energy Foundation

5225 Wiley Post Way, Suite 170
Salt Lake City, UT 84116
Tel: 801-539-1406

National Weather Service, NOAA

Box 1016
Bismarck ND 58502-1016
Tel: 701-223-4582

Nature Conservancy

1014 East Central Avenue
Bismarck ND 58501-1936
Tel: 701-222-8464

North Dakota Academy of Science

Walster Hall
North Dakota State University
Fargo ND 58105-5516
Tel: 701-237-7058

North Dakota Ag Aviation Association

PO Box 843
Wahpeton ND 58074
Tel: 701-642-5777

North Dakota Agriculture Department

600 E Blvd., 6th Floor
Bismarck ND 58505
Tel: 701-224-2231

North Dakota Association of Soil Conservation Districts

3310 University Drive
Bismarck ND 58504
Tel: 701-223-8575
ndascd@btinet.net

Description: The North Dakota Association of Soil Conservation Districts is a membership organization of the Soil Conservation District Supervisors of North Dakota. The association is an advocacy organization for its members.

The NDASCD owns and operates Lincoln-Oakes Nurseries which produces climatically adapted tree and shrub seedling for conservation purposes. The seedlings are used for field and farmstead windbreaks, wildlife plantings and other conservation purposes.

North Dakota Department of Health Division of Water Quality

PO Box 5520
1200 Missouri Avenue
Bismarck ND 58506-5520
Tel: 701-328-5240
Fax: 701-328-5200
Internet Website: www.ehs.health.state.nd.us
E-mail: jcollins@nd.gov

Description: The Division of Water Quality monitors the surface water, ground water and waste water quality in North Dakota. The Division has numerous materials for environmental education that may be loaned out to teacher and students. Materials include posters, videos, and curriculum guides. In addition, results from the monitoring of local water bodies and guest speakers for classroom presentation, civic groups and other meetings are available.

Division of Water Quality:

- Water Quality Standards
- Nonpoint Source Pollution Management
- Rivers and Stream Monitoring and Assessment
- Clean Lakes Assessments
- Fish Consumption Advisory
- Watershed Management
- Water Quality Modeling
- 404 Dredge & Fill
- 401 Water Quality Certification
- Environmental Impact Statements (EIS) Review
- Water Quality Standards
- ND Pollutant Discharge Elimination System (NDPDES) Permits
- Wastewater Releases
- Stormwater Regulations
- Feedlot Inspection/Approval/Runoff
- Septic Pumps
- Underground Injection Control (UIC) Program
- Wellhead Protection
- Groundwater Remediation and Contaminants
- Antifreeze Registration
- Petroleum Quality Assurance Program

North Dakota Department of Health Continued

State Recycling Coordinator
1200 Missouri Avenue
Bismarck ND 58506-5520
Tel: 701-328-5166
Fax: 701-328-5200

Description: The Health Department has a division of Waste Management that promotes an environmental education effort called Project S.W.E.A.T. (Solid Waste Education and Training). The Division protects the public's health and safety through regulations addressing solid and hazardous wastes. Primarily, the Division inspects, permits and enforces solid waste management facilities. The Division believes education is the first step of compliance.

North Dakota Energy Development Impact Office

918 E. Divide, Suite 410
Box 5523
Bismarck ND 58501
Tel: 701-224-3188

North Dakota Environmental Resource Repository

DPI Division of Independent Study
Learning Resource Center
Box 5036, University Station
Fargo ND 58105-5036
Tel: 701-231-6036
Fax: 701-239-7288

Description: The Department of Public Instruction's Division of Independent Study is the State Environmental Protection Agency (EPA) Environmental Education Resource Repository. The Division of Independent Study houses all the environmental resource materials produced by EPA. In addition to the printed materials the EPA resources included video tapes on air and water pollution, wetlands, solid waste disposal and pesticides. This allows teachers to have ready access to the environmental materials and provides resources to help develop the potential of our students. Teachers are asked to order only the materials they will need for their units of study. Some limits may apply.

North Dakota Farm Bureau

Box 2064
Fargo ND 58107

Description: General Farm Organization – providing education materials relating to agriculture including North Dakota studies.

North Dakota Forest Service

307 First Street East
Bottineau ND 58318-1100
Tel: 701-228-5422
Fax: 701-228-5448
e-mail: Glenda.Fauske@ndsu.edu
Internet Website: www.nd.gov/forest

Description: The North Dakota Forest Service is the state agency that administers forestry programs statewide. A wide variety of customers depend on the North Dakota Forest Service as the sole provider of technical forestry assistance.

Education and information services raise public awareness about natural resource values, help support informed decision-making and foster individual responsibility in conserving natural resources. The North Dakota Forest Service sponsors, "Project Learning Tree" (PLT), a K-12 conservation education program working in conjunction with local schools and volunteer educators.

The North Dakota Forest Service also owns and operates the 160-acre Towner State Nursery, which produces approximately 1.5 million evergreen seedlings annually.

North Dakota Game and Fish

Project WILD
100 N Bismarck Expressway
Bismarck ND 58501-5095
Tel: 701-328-6305
Fax: 701-328-6352

Description: The mission of the North Dakota Game and Fish Department is to protect, conserve and enhance fish and wildlife populations and their habitat for sustained public consumptive and appreciative use.

Their environmental education outreach program is Project WILD. Project WILD offers workshops for K-12 teachers.

North Dakota Geological Society

600 East Boulevard
Bismarck ND 58505
Tel: 701-224-4109

North Dakota Geological Survey

Publications Clerk
600 E Boulevard Ave
Bismarck ND 58505-0840
Tel: 701-328-9700
Fax: 701-328-9898
Internet Website: www.dmr.nd.gov/ndgs/
E-mail: afritz@rival.ndgs.state.nd.us

The North Dakota Geological Survey (NDGS) was established by an act of the state legislature in 1895 to “provide fro a thorough geological and natural history survey of the state”. The mission of the NDGS has since grown and is now three-fold: to provide technical investigations, regulatory/advisory information, and provide information about the geology and natural resources of North Dakota to the general public. A large amount of geological information can be obtained from NDGS publications, comprehensive collections of cores, samples, and fossils, oil and gas records, coal and subsurface mineral records.

The NDGS is also an affiliate office of the nationwide Earth Science Information Center (ESIC) network. Coordinated by the U.S. Geological Survey, the nationwide ESIC network provides information about geologic, hydrologic, topographic, and land-use maps, books, and reports; aerial, satellite, and radar images and related products, digital earth science and data and related software and geodetic data. As an ESIC office, the NDGS can assist the public in locating earth science information about North Dakota, other states, as well as the rest of the world. The NDGS operates a sales outlet for federally produced topographic and digital map data and serves as the clearinghouse for digital spatial data.

Schedule permitting, NDGS geologists can be available to conduct workshops, field trips and give talks to a variety of public groups, service organizations or schools. Please contact either the State Geologist, or any Survey geologist, for further information.

North Dakota Historical Society

SEND Program
Education and Interpretation Division
612 East Boulevard Avenue
Bismarck ND 58505-0830
Tel: 701-328-2799

North Dakota Learning Resource Center

1510 12th Avenue N
University Station, Box 5036
Fargo ND 58105-5036
Tel: 701-231-6036
Fax: 701-231-6052
E-mail: Film@sendit.nodak.edu

North Dakota Natural Science Society

Box 9019
Grand Forks ND 58202
Tel: 701-777-2621

North Dakota Office of Intergovernmental Assistance ND State Energy Program

State Energy Program
State Capitol – 14 Fl
600 East Boulevard Avenue
Bismarck ND 58505-0170
Tel: 701-328-2094 TDD: 701-328-2404
Fax: 701-328-2308
Ccmial: jmurphy@ranch.state.nd.us

Description: The ND State Energy Program (SEP) offers several no-cost energy efficiency and renewable energy teaching resources to ND educators.

State Energy Program Energy Efficiency and Renewable Energy teaching resources offer practical energy efficiency and renewable energy information, suitable for textbook augmentation, and may be used to supplement other energy related classroom activities.

SEP has films and tapes on topics ranging from recycling to geothermal energy, and a variety of Energy Source Curriculum Kits are available. Other energy efficiency and renewable energy informational resources include energy efficiency publications covering almost every topic under the sun, poster sets, and coloring books.

North Dakota Outdoors

100 North Bismarck Expressway
Bismarck ND 58504-5095

ND Parks and Recreation Department

1600 East Century Ave., Suite 3
Bismarck ND 58503
Tel: 701-328-5357
Fax: 701-328-5363

Description: The natural resources on North Dakota's state parks which include major rivers, tributary streams, unique landforms and a wealth of plant and animal life, present outstanding opportunities for environmental education.

The education benefits of North Dakota's state parks extend to adult as well as students. Although varying from park to park, visitors are introduced to the particular park through interpretive displays and brochures, and special interpretive programs emphasizing the area's historical, cultural, recreational and natural resource values. Special emphasis is placed on the importance of environmental awareness and conservation values.

Programs such as evening amphitheater and "Junior Ranger or Nature Explorers" programs and day-use and residential camps and workshops help visitors discover meaningful ways to enjoy the state park without intruding on other's experiences or impairing the quality natural resource. Some parks such as Cross Ranch and Lake Metigoshe State Parks (Turtle Mountain Environmental Learning Center) provide day and residential environmental education opportunities throughout the year.

Although varying from park to park, interpretive themes focus on subjects such as: natural communities, plants and animals, water resources, conservation values, geology resource management, history and culture of area.

North Dakota Soil and Water Conservation Society

President
600 E Boulevard
Bismarck ND 58505
Tel: 701-328-3403

North Dakota State Library

604 E Boulevard
Bismarck ND 58505-0800
Tel: 701-328-4622
Fax: 701-328-2040
E-mail: mmail.spahlmey@ranch.state.nd.us

Description: Purpose: To provide access to information for all North Dakota citizens. The North Dakota Library is your gateway to information.

Cost: Return postage on borrowed material.

North Dakota State Soil Conservation Committee

Today's Challenge/Natural Resource Cons. In ND
State Capitol, 600 East Boulevard Ave
Bismarck ND 58505
Tel: 701-328-2650
Fax: 701-328-4143

NDSU Extension Service

Water Quality Associate
PO Box 5626
Fargo ND 58105
E-mail: jnowatz@ndsuxext.nodak.edu

Youth and Family Coordinator
FLC 219, Box 5016
Fargo ND 58105-5016
Tel: 701-231-8595
E-mail: deaakre@ndsuxext.nodak.edu

North Dakota State Water Commission

900 E Boulevard
Bismarck ND 58505-0850
Tel: 701-328-2750
Fax: 701-328-3696
Internet Website: <http://water.swc.state.nd.us>
E-mail: bsharff@nd.gov

The mission of the State Water Commission and the State Engineer is to enhance the quality of life and strengthen the economy of North Dakota by managing the water resources of the State for the benefit of its people.

North Dakota University System

ND State University.....1-800-488-6378 or 701-231-8643
MSU-Bottineau.....1-800-542-6866 or 701-228-5487
University of ND.....1-800-225-5863 or 701-777-4463
UND-Williston.....701-774-4200 or accepts collect call charges

Description: The North Dakota University System provides a range of options for students interested in a career having to do with the environment and natural resources.

Students may pursue diplomas, associate degrees, bachelor's degrees, and even a master's degree in a wide variety of programs within the ND University System. More specifically, students interested in an environmental career may enroll in the following programs.:

Environmental Geology and Technology
(Bachelor's degree).....University of North Dakota

Fisheries and Wildlife Biology
(Bachelor's degree).....University of North Dakota

Horticulture
(Bachelor's degree).....North Dakota State University

Hazardous Materials Management
(Associate degree).....UND-Williston

Natural Resource Management
(Bachelor's, Master's degree).....North Dakota State University

Occupational Safety and Environmental Health
Bachelor's degree).....University of North Dakota

Urban Forestry
(Diploma, Associate degree).....MSU-Bottineau

Water Quality Technology
(Certificate, Associate degree).....MSU-Bottineau

Wildlife and Fisheries Technology
(Associate degree).....MSU-Bottineau

Cost: Tuition

North Dakota Water Commission

900 E Boulevard
Bismarck ND 58505-0850
Tel: 701-328-2752
Fax: 701-328-3696
E-mail: bsharff@water.swc.state.nd.us

Descripton: The State Water commission and State Engineer provide various types of assistance to citizens in developing and protecting the state's water resources. Functions include monitoring surface and ground water resources, project planning and funding grants to support development. Most water use and construction affecting water resources are regulated by the State Engineer.

North Dakota Water Education Foundation

1501 North 12th Street
Bismarck ND 58501
Tel: 701-223-8332
Fax: 701-223-4645
E-mail: ndwater@btigate.com

Description: The purpose of the North Dakota Water Education Foundation is to develop and implement water information and water education programs in North Dakota, and to increase awareness, understanding, and knowledge among students, teachers, water users, decision-makers, and the general public about water resource issues in North Dakota. The four programs include: North Dakota Water magazine, North Dakota Water course, North Dakota Wetlands Institute and Water Education for Teachers (WET).

Cost: Magazine subscription

North Dakota Water Environment Association

243 12A East
West Fargo ND 58078
Tel: 701-237-3211

North Dakota Water Resource District Association

1501 N 12 Street
PO Box 2254
Bismarck ND 58502
Tel: 701-328-4615

North Dakota Water Users Association

1501 N 12 Street
PO Box 2254
Bismarck ND 58502
Tel: 701-223-4615

North Dakota Wildlife Federation

PO Box 7248
Bismarck ND 58502
Tel: 701-222-2557

Northern Waste Systems

1240 NW 41st St
Fargo ND 58102

Pheasants Forever

Leopold Education Project
PO Box 75473
St. Paul MN 55175
Tel: 612-481-7142
Fax: 612-481-0715

Description: Pheasants Forever (PF), the nation's largest upland wildlife conservation organization with more than 70,000 members and 425 local chapters. PF is dedicated to the protection and enhancement of pheasants and other upland wildlife through habitat improvement, public awareness and education, and land management policy changes.

R & J Recycling Center

R#1 Box 45B
New Rockford ND 58356
Tel: 701-947-5646

Ramsey County SCD

502 Highway 2w
Devils Lake ND 58301

Sharma, Dr. Padam

NDSU – LRRC
PO Box 459
Mandan ND 58554

Sheridan County SCD

PO Box 66
McClusky ND 58463

Sierra Clubs

Agassiz Basin
1112 Cottonwood Drive
Grand Forks ND 58203
Tel: 701-746-1634

Red River
154 South Woodcrest Drive
Fargo ND 58102
Tel: 701-232-3110

North Prairie
1913 Sixth Street
Minot ND 58701
Tel: 701-839-7899

Sierra Clubs Continued

Teddy Roosevelt
3305 Hillside Road
Mandan Nd 58554
Tel: 701-663-0944

Soil and Water Conservation Society

7515 NE Ankeny Rd
Ankeny IA 50021-9764
Tel: 1-800-THE-SOIL

State Historical Society of North Dakota

Dr. Marilyn Snyder, Education Coordinator
612 East Boulevard Ave.
Bismarck ND 58505
Tel: 701-328-2666
Fax: 701-328-3710
E-mail: msnyder@nd.gov

Sully's Hill National Game Preserve

Sully's Hill Manager
US Fish & Wildlife Service
PO Box 286
Fort Totten ND 58335
Tel: 701-766-4272
Fax: 701-766-4272

Sully's Hill National Game Preserve is part of the National Wildlife System which The U.S. Fish & Wildlife Service manages. Sully's Hill NGP is administered out of the Devils Lake Wetland Management District office in Devils Lake, ND (701- 662-8611). The primary objectives of the DLWMD are wetland habitat conservation and improvement, waterfowl and wildlife management and educational/outreach activities. The district manages over 41,000 acres of wetlands and refuges on 190 separate Waterfowl Production Areas, Lake Alice NWR, Sully's Hill NGP, ten smaller refuges and 150,000 acres of wetland easements.

The Sully's Hill NGP manager's office is on the preserve. The Regional Conservation Learning Center at Sully's Hill has just been developed over the past few years and continues to grow in its use and popularity. The learning centers consist of two classroom facilities, nature trail, and auto tour route, amphitheater with scheduled summer and fall programs, and the visitor Center. The visitor center is equipped with a bookstore and souvenir shop, many exhibits including and 180-gallon aquarium stocked with native fishes.

The RCLC has been developed to provide a place where curriculums can be taught and information can be distributed to individuals, and private groups and also large numbers of the general public. There is no charge for the use of the learning center as well as for the programs made available at the center. Please contact the refuge manager at Sully's Hill for more information or for scheduling.

Theodore Roosevelt National Park

315 2nd Ave
PO Box 7
Medora ND 58645
Tel: 701-623-4466
Fax: 701-623-4840
Internet Website: <http://www.nps.gov/thro>
E-mail: Bruce_Kaye@nps.gov

Theodore Roosevelt National Park diligently protects and preserves the natural scene and cultural landscape to provide the opportunity to understand and appreciate the rugged Little Missouri Badlands topography, with its unique flora and fauna, which inspired Theodore Roosevelt in the 1880s. The park projects the spirit of Roosevelt's conservation ethic and his enthusiasm for the natural world. Discovery of this outstanding unit of the National Park System will create a sense of surprise and wonderment that will lead to an understanding of the role of humankind as an integral part of nature.

Towner State Nursery

878 Nursery Rd
Towner ND 58788
Tel: 701-537-5636
Fax: 701-537-5680

Description: The North Dakota Forest Service owns and operates the 160-acre Towner State Nursery which produces approximately 1.5 million seedlings annually for distribution to landowners in North Dakota. The nursery specializes in the production of conifer (evergreen) stock in over twenty different species.

Turtle Mountain Environmental Learning Center

TMELC Coordinator
2 Lake Metigoshe State Park
Bottineau ND 58318-8044
Tel: 701-263-4514
Fax: 701-263-4648

Description: The Turtle Mountain Environmental Learning Center (TMELC) is a special environmental education program of the North Dakota Parks and Recreation department. It was established in 1985 at Lake Metigoshe State Park in the Turtle Mountains, near Bottineau. The purpose of the TMELC is to develop and heighten awareness, understanding, and appreciation of the natural world and the concerns of the environment. This is accomplished through workshops, programs, and activities dealing with the forests, lakes, birds, wildlife, and human's association with them.

A selection of more than 20 hands-on, natural history and environmental programs are available through the TMELC. All equipment and instruction are provided. The TMELC also offers a Nature in the Classroom program. This is an exciting way to bring nature into the classroom—The TMELC comes to you.

Cost: \$1.50/participant depending on which program topic is selected.

USDA – Forest Service

1511 E Interstate Ave
Bismarck ND 58501
Tel: 701-250-4443
Fax: 701-250-4454

The phrase, “CARING FOR THE LAND AND SERVING PEOPLE,” captures the Forest Service mission. As set forth in law, the mission is to achieve quality land management under the sustainable multiple-use management concept to meet the diverse needs of people. It includes:

- Advocating a conservation ethic in promoting the health, productivity, diversity, and beauty of forests and associated lands.
- Listening to people and responding to their diverse needs in making decisions.
- Protecting and managing the National Forests and Grasslands so they best demonstrate the sustainable multiple-use management concept.
- Providing technical and financial assistance to state and private forest landowners, encouraging them to practice good stewardship and quality land management in meeting their specific objectives.
- Providing technical and financial assistance to cities and communities to improve their natural environment by planting trees and caring for their forests.
- Providing international technical assistance and scientific exchanges to sustain and enhance global resources and to encourage quality land management.
- Helping state and communities to wisely use the forests to promote rural economic development and a quality rural environment.
- Developing and providing scientific and technical knowledge aimed at improving our capability to protect, manage, and use forests and rangelands.
- Providing work, training, and education to the unemployed, underemployed, elderly, youth, and disadvantaged in pursuit of our mission.

USDA-Natural Resources Conservation Service

PO Box 1458
Bismarck ND 58502-1458
Tel: 701-250-4768
Fax: 701-250-4778

US Department of Energy

Ray Kub
PO Box 1173
Bismarck ND 58502-1173
Tel: 701-221-4501

US Fish and Wildlife Service

Ecological Services Division
1500 E Capitol Avenue
Bismarck ND 58501
Tel: 701-250-4481
Fax: 701-250-4400

US Forest Service

1511 East Interstate
Bismarck ND 58501
Tel: 701-250-4443

Winter, Marlys

RR 1 Box 251
Moorhead MN 56560
Tel: 218-233-9204

Zero Tillage Farmer's Association

North Dakota State Soil Conservation Commission
State Capitol, 600 E Boulevard Ave
Bismarck ND 58505
Tel: 71-328-2650
Fax: 701-328-4143