



Other multimedia resources

ERIC—Clearinghouse for Science,
Mathematics and Environmental
Education
1729 Kenny Road
Columbus, OH 43210-0810
614/292-6717
(Most university libraries have
ERIC online).

Environmental films

A list of environmental films to
rent or buy.

The National Audiovisual Center
Information Services Section
8700 Edgworth Drive
Capitol Heights, MD 20743-3701
301/763-1896

Global Network for Environmental Education Centers (GNEEC)

Lists over 100 international envi-
ronmental education centers. You
can reach GNEEC via the National
Consortium for Environmental
Education and Training's access to
EE-Link: telnet to: nceet
info@nceet.snre.umich.edu
Land Between Lakes
100 Van Morgan Dr.
Golden Pond, KY 42211
502/924-5602

Groundwater flow models

Contact your local Cooperative
Extension office for availability.

The Jason Project

Youth groups can experience
underwater explorations.
Jason Foundation for Education
395 Totten Pond Road
Waltham, MA 02154
617/487-9995

Contact Tim Armour,
Executive Director

Radio Expeditions—Water:

Thirsting for Tomorrow
Audio cassette and teacher guide
NPR Outreach
635 Massachusetts Avenue, NW
Washington, DC 20001-3753
202/414-2843

Safe Drinking Water Hotline

Information responds to the Safe
Water Drinking Act amendments
of 1986.
1-800/426-4791

National Drinking Water Clearinghouse

Advises small communities by col-
lecting, developing and providing
information relevant to drinking
water issues.
1-800/624-8301

Talk of the Nation: Water, Wetlands, and Weather. Audio cassette and teacher's guide.

NPR Outreach
635 Massachusetts Avenue, NW
Washington, DC 20001-3753
202/414-2843

Terrene Institute nonpoint source model and curriculum for fifth and sixth grade (plastic tabletop model)

Terrene Institute
1000 Connecticut Ave. N.W.,
Suite 802
Washington, D.C. 20036
202/833-8317

Turner Adventure Learning electronic field trips

Produced by Turner Broadcast
Company, Atlanta Georgia.
Live, interactive events delivered
via cable or satellite. For more
information and the 1995/96
schedule, call 1-800-344-6219.
(1994 aired—Wetlands & Natural
Resources: Methods of Science and
Geography in an Environmental
Ecosystem).

Wetlands Education Trunks

Designed for 4th to 6th grader,
trunk contains activities, games,
puppets and stores about wetland
habitats.
U.S. Fish and Wildlife Service
(USFWS)
Trunks are available on loan to edu-
cators through USFWS state
offices.



Guides, manuals and resources for program ideas

In designing a water education program for youth, consider components of program design such as water education needs in the community, partnerships, goal setting and program delivery strategies. The following resources provide examples and guidelines for youth programs.

For further assistance with program strategies and design, refer to other guides in this series, *Educating Young People About Water: A Guide to Program Planning and Evaluation*, and *Educating Young People About Water: A Guide to Unique Program Strategies* available through ERIC Clearinghouse, 614/292-6717.

Community action— guides and resources

The following materials emphasize the action part of water education by offering youth and youth leaders background information, program design ideas and youth group facilitation.

Building Ownership: A Coach's Guide to Teaching Politics. 1992.
Project Public Life
Humphrey Institute of Public Affairs
University of Minnesota
301-19th Avenue South
Minneapolis, MN 55455
612/625-0142

Business and Education Partnerships: A Resource Guide for Building, Maintaining, and Sustaining Partnerships between Education and Business/Industry
Wisconsin Department of Public Instruction
Education for Employment
P.O. Box 7841
Madison, WI 53707-7841
608/266-2348
608/267-3167

Citizen's Guide to Clean Water
Izaak Walton League of America
707 Conservation Lane
Gaithersburg, Maryland 20878
1/800/BUG-IWLA

The Conservation Handbook. 1991.
Boy Scouts of America
Irvine, TX

Drinking Water: A Community Action Guide
Concern, Inc.
1794 Columbia Road, N.W.
Washington, D.C. 20009
202/328-8160

Getting to Know Your Stream: Making Streams Better

Getting to Know Your Stream: Streambank Habitat

Getting to Know Your Stream: Water Quality and Stream Biology

Getting to Know Your Stream: Watersheds
University of Wisconsin-Cooperative Extension
Dane County WaterWatchers
57 Fairgrounds Drive
Madison, Wisconsin 53713-1497
608/266-4271

Give Water A Hand: Organizing Water Conservation and Pollution Prevention Service Projects in Your Community. 1994.
Four booklets are available:
Community, Farm/Ranch, Home and School. A leader's guide is included to help facilitate the projects.
Contact your state or county Cooperative Extension office for copies.

Groundwater: A Community Action Guide
Concern, Inc.
1794 Columbia Road, N.W.
Washington, D.C. 20009
202/328-8160

Handle With Care. Your Guide to Preventing Water Pollution
Terrene Institute
1000 Connecticut Ave. N.W., Suite 802
Washington, D.C. 20036
202/833-8317

How to Save A River: A Handbook for Citizen Action
River Network
P.O. Box 8787
Portland, OR 97207-8787
503/241-3506
1/800/423-6747

The Kids' Guide to Social Action: How to Solve the Social Problems You Choose and Turn Creative Thinking Into Positive Action
Free Spirit Publishing
400 First Avenue North, Suite 616
Minneapolis, MN 55401
612/338-2068

Make Waves: Become a Water Action Volunteer (WAV)
Department of Natural Resources
101 South Webster Street, Box 7921
Madison, WI 53707
608/266-2621

Making the Rules: A Guidebook for Young People Who Intend to Make a Difference
Project Public Life Press
Humphreys Institute
310-19th Avenue, South
Minneapolis, MN 55455
612/625-0142

No Kidding Around! America's Young Activists are Changing Our World and You Can, Too.
Activism 2000 Project
3909 Prospect Street
Kensington, MD 20895
1-800/KID-POWER

People Protecting Rivers: A Collection of Lessons from Successful Activists
River Network
P.O. Box 8787
Portland, OR 97297
503/241-3506
1-800/423-6747



Save Our Streams. A Citizen Action Program
Izaak Walton League of America
707 Conservation Lane
Gaithersburg, Maryland 20878
1/800/BUG-IWLA

The TEAM Notebook—Teachers' Environmental Action Manual
Sierra Club
730 Polk Street
San Francisco, CA 94109
415/776-2211

Turning the Tide on Trash: A Learning Guide on Marine Debris
U.S. EPA
Office of Water
401 M St., SW
Mail Code WH-556
Washington, DC 20460
202/260-059

Program guides, manuals and summaries

This section lists ideas for program design, collections of program summaries, and examples of settings to implement water education programs such as camps, festivals, etc.

Adopt-a-Lake
College of Natural Resources
University of Wisconsin
Stevens Point, WI 54481
715/346-3366

Adopting-a-Stream: A Northwest Handbook
University of Washington Press,
Adopting-A-Stream Foundation
P.O. Box 50096
Seattle, WA 98145
206/388-3487

Adopt-a-Watershed Program
Hayfork Elementary School
P.O. Box 70, Hwy 3
Hayfork, CA 96041
916/628-5294.

Adopting-a-Wetland: A Northwest Guide
University of Washington Press,
Adopting-a-Stream Foundation
P.O. Box 50096
Seattle, WA 98145
206/388-3311

Angler Education leader training and programs (sponsored by US Fish and Wildlife Service)
Contact your state US Fish and Wildlife Service office or Department of Natural Resources.

Conceptual Encounters I (for ages 10–12) & II (for ages 13–14).
The Institute for Earth Education-Earthkeepers Program
Cedar Grove
Greenville, West Virginia 24945

Drinking Water Education Programs: A Guide for County Faculty
Central Wisconsin Groundwater Center
University of Wisconsin-Extension
UW-Stevens Point College of Natural Resources
Stevens Point, WI
715/346-4270

Educating for Action: More Success Stories from Puget Sound. 1993.
Puget Sound Water Quality Authority
P.O. Box 40900
Olympia, WA 98504-0900
1/800/54-SOUND
206/407-7300
(also available, *Public Involvement and Education Model Projects Fund: 47 Success Stories from Puget Sound*. 1991).

Environmental Success Index
Renew America
1400 16th Street, NW Suite 710
Washington, DC 20036
202/232-2252
(Publishes an annual listing of environmental program summaries throughout the US).

Forest, Stream and Sound: A Guide to Conducting Water Quality Camps for Children and Families
and

More Activities for Forest, Stream and Sound: A Guide to Conducting Water Quality Camps for Children and Families
City of Olympia
Public Works Department
Water Resources Program
P.O.Box 1967
Olympia, WA 98507
206/753-8598

GEM. The Groundwater Education In Michigan Program
Provides projects summaries and resource lists developed through the GEM annual grant program.

The Institute of Water Research
Michigan State University
334 Natural Resources Bldg.
East Lansing, Michigan 48824
517/353-3742

A Guide to Curriculum Planning in Environmental Education. 1994
Publication Sales/Wisconsin Department of Public Instruction
Drawer 179
Milwaukee, WI 53293-0197
800-243-8782

Hooked On Fishing—Not On Drugs. Teacher's Guide
Future Fisherman Foundation
1250 Grove Avenue, Suite 300
Barrington, IL 60010
708/381-4061

How to Plan a Conservation Education Program
World Resource Institute
1709 New York Avenue, NW,
Suite 700
Washington, DC 20006
202/638-6300

Kids in Creeks: A Creek Exploration and Restoration Program
San Francisco Estuary Institute (formerly Aquatic Habitat Institute)
180 Richmond Field Station
1301 South 46th Street, #180
Richmond, CA 94804
510/231-9539

Making Waves: How to Put on a Water Festival
Nebraska Groundwater Foundation
P.O. Box 22558
Lincoln, NE 68542-2558
402/434-2740
800/858-4844

Natural Selections
Environmental Education-Sharing Success Programs
Florida Department of Education
Florida Education Center,
Room 224C
Tallahassee, FL 32399
904/487-2310



Reaching Tomorrow's Consumers Today. Youth Education Programs for Utility Managers
American Water Works Association
6666 W. Quincy Ave.
Denver, Colorado 80235
303/794-7711

Tennessee Valley Authority
Teacher/Student Water Quality Monitoring Network
Water Quality Branch
Tennessee Valley Authority
270 Haney Bldg.
Chattanooga, Tennessee
37402-2801
303/794-7711

World in Our Backyard: A Wetland Education and Stewardship Program
New England Interstate Water Pollution Control Commission
Distributed by Environmental Media Corporation
P.O. Box 1016
Chapel Hill, NC 27514
919/933-3003

Youth Education Handbook
Trout Unlimited Youth
800 Follin Lane, SE, Suite 250
Vienna VA 22180
703/281-1100

Technical manuals and handbooks

These materials provide youth group leaders with detailed background information in water quality monitoring, groundwater models usage, restoration techniques, etc.

Classrooms Without Walls: A Guide for Developing Aquatic Education Trails
Alaska Department of Fish and Game
Division of Sport Fish, Aquatic Education
PO Box 240020
Douglas, Alaska 99824
907/965-4180

Field Manual for Water Quality Monitoring: An Environmental Education Program for Schools
University of Michigan
School of Natural Resources
Ann Arbor, Michigan 48109-1115
313/764-1817

Habitat Restoration: A Guide for Proactive Schools
by Edward D. Cheskey. 1993.
The Waterloo County Board of Education
Curriculum and Program Development
Outdoor Education Department
18-590 Bearinger Road
Waterloo, Ontario Canada N26 6C4

Lake Smarts: The First Lake Maintenance Handbook
Terre Institute
1717 K Street, NW
Washington, DC 20006-1504
202/833-8317

Manual for Use of the Sand-Tank Groundwater Flow Model
Central Wisconsin Groundwater Center
College of Natural Resources
University of Wisconsin-Stevens Point
Stevens Point, WI
715/346-4270

The Monitor's Handbook
LaMotte Company
P.O. Box 329
Chestertown, MD 21620
800/344-3100

Project Mayfly: Guide to the Determination of Water Pollution in Local Waterways
National Audubon Society
Mid-Atlantic Regional Office
1104 Fernwood Ave., #300
Camp Hill, Pennsylvania 17011
717/763-4985

The following two resources are used together.

A Study Guide to New England's Freshwater Wetlands
University of New Hampshire-Cooperative Extension and New Hampshire Fish and Game Dept.
Public Affairs Division
2 Hazen Drive
Concord, NH 03301

Interpreting Results of Water Quality Tests in Streams and Rivers. 1991.
Frank Mitchell and Jeffery Schloss.
University of New Hampshire-Cooperative Extension
Water Resources Program,
Pettee Hall, Durham, NH 03824.
603/862-1067.

Water Quality Field Guide
Water Quality Indicators Guide: Surface Waters
Contact your state office of the Soil Conservation Service, or
United States Department of Agriculture
Soil Conservation Service
PO Box 2890
Washington, D.C. 20013

Water Quality Series
Booklet 1: Water Quality Sampling Equipment
Booklet 2: Homemade Sampling Equipment (to accompany Tennessee Valley Authority's Teacher/Student Water Quality Monitoring Network)
Water Quality Branch
Tennessee Valley Authority
270 Haney Bldg.
Chattanooga, Tennessee
37402-2801

Water, Water Everywhere
Hach Company
Box 389
Loveland, CO 80539
1-800/227-4224

Wetlands and Water Quality: A Citizen's Handbook for Protecting Wetlands
Lake Michigan Federation
59 East Van Buren, Suite 2215
Chicago, Illinois 60605
312/939-0838



Selected bibliographies, directories and catalogs for further information

- 1994-95 Directory of American Youth Organizations
Free Spirit Publishing
400 First Avenue North,
Suite 616-43
Minneapolis, MN 55401-1730
1-800/735-7323
612/338-2068 (MN residents)
- The Almost But Probably Never Complete Environmental Educator's Resource Directory. R. Troy Colley. Grays Harbor Conservation District
330 Pioneer West
Montesano, WA 98563
206/249-5980.
(Lists environmental organizations throughout the U.S.)
- Catalog of Water Quality Educational Materials
TVA Water Quality Branch
270 Haney Bldg.
Chattanooga, Tennessee 37402-2801
Center for Environmental Education
881 Alama Real Drive, Suite 300
Pacific Palisades, CA 90272
310/454-4585
Houses a comprehensive collection of environmental education materials and provides program information internationally.
Call for information about their newsletter.
- Compendium of Educational Materials on the Water Environment
Alliance for Environmental Education, Inc.
51 Main Street
P.O. Box 368
the Plains, VA 22171
- Designing a Water Conservation Program: An Annotated Bibliography of Source Materials
Office of Water Resource Center
U.S. EPA
Office of Water, RC-4100
401 M Street, SW
Washington, DC 20460
202/260-7786
- Directory of Great Lakes Education Materials
International Joint Commission
Great Lakes Regional Office
100 Ouellette Avenue, Eighth Floor
Windsor, Ontario N9A 6T3
or:
PO Box 32869
Detroit, Michigan 48232-2869
- Educational Videos for Children About Our Precious Water Resources!
(U.S. EPA, #430/09-91-016(B))
EPA's Video Lending Library
1/800/624-8301
- Environmental Education Compendium for Water Resources
California Department of Water Resources
ATTN: Public Information and Education Branch
1416 9th St., Rm. 1104-1
Sacramento, California 95814
916/653-6192
- Environmental Education Materials For Teachers and Young People (Grades K - 12)
(#OPA 87-022, U.S. EPA)
Office of Community and Intergovernmental Relations (A-108 EA)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460
202/382-4454
- Environmental Media Corporation
P.O. Box 1016
Chapel Hill, NC 27514
1/800/ENV-EDUC
Designs, produces and distributes media to support environmental education.
- Florida Marine Education Resources Bibliography-GR-51
Florida Sea Grant College
Pine Jog Environmental Sciences Center
College of Science
Florida Atlantic University
West Palm Beach, Florida 33406
- The Freshwater Foundation
Educational Materials
Freshwater Foundation
Spring Hill Center
725 County Rd. 6
Wayzata, Minnesota 55391
612/449-0092
- Ground Water Education in America's Schools. A Catalog of Resource Materials for Elementary and Secondary Education Professionals
The American Ground Water Trust
6375 Riverside Drive
Dublin, Ohio 43017
614/761-2215
- 1990 Nebraska Environmental Education and Information Resources Directory
Nebraska Natural Resources Commission
PO Box 94876
Lincoln, Nebraska 68509-4876
402/471-2081
- National Consortium for Environmental Education and Training. (NCEET)
School of Natural Resources and Environment
University of Michigan
Ann Arbor, MI 48109-1115
313/998-6726
(see Computer Program section for Internet information).
- National Directory of Volunteer Environmental Monitoring Programs
Fourth Edition, January 1994.
U.S. EPA
Assessment and Watershed Protection Division (4503F)
401 M St., SW
Washington, DC 20460



Save Our Streams Resource List
The Izaak Walton League of
America, Inc.
707 Conservation Lane
Gaithersburg, MD 20878-2983
301/548-0150
1/800/BUG-IWLA

Streams, Lakes and Wetlands. A
Collection of Curriculum and
Reference Materials
City of Everett Department of
Public Works
Storm and Surface Water
Management
Community Involvement Program
Everett, Washington
206/259-8863

Water Education 101
Youth Education Manager
American Water Works
Association
6666 W. Quincy Ave.
Denver, Colorado 80235
303/794-7711

Water Education Foundation
Resources Listing
Water Education Foundation
717 K Street, Suite 517
Sacramento, California 95814
916/444-6240

The Water Quality Catalog.
A Source Book of Public Information
Materials
Water Environment Federation
601 Wythe Street
Alexandria, Virginia 22314
703/684-2400

Water Quality Education Bibliography
Christopher F. Feise
Washington State University-
Cooperative Extension
7612 Pioneer Way E.
Puyallup, Washington 98371-4998
206/840-4556

Youth Water Quality Resources
Cooperative Extension Service
4-H and Youth Development
United States Department of
Agriculture
3861 South Building
Washington, D.C. 20250
202/447-5516

Water resources organizations for education, management and protection

A myriad of water-related, grass-
root and nonprofit environmental
groups exist today. The following
organizations are interested in work-
ing on water projects with youth
groups, and many serve as advisory,
technical and public information
sources.

American Water Works Association
6666 W Quincy
Denver, CO 80235
303/794-7711
National agency whose members
represent the drinking water utility
industry. Produce youth water
education materials.

GREEN—Global Rivers Environmental
Education Network
721 E Huron
Ann Arbor, MI 48104
313/761-8142

Environmental Protection Agency
Office of Water
401 M St., SW
Mail Code WH-556
Washington, DC 20460
202/260-059
Seeks to abate and control water
pollution through research, moni-
toring, standard setting, enforce-
ment and outreach activities.

Izaak Walton League of America
Save Our Streams Program
707 Conservation Lane
Gaithersburg, MD 20878-2983
301/548-0150
1/800/BUG-IWLA
Chapters across the nation, encour-
age participants to adopt a stream
by conducting water and habitat
quality monitoring.

The Groundwater Foundation
5561 South 48th, #232B
Lincoln, NE 68516
402/434-2740
A nonprofit educational founda-
tion that educates the public about
groundwater conservation and
management.

National Aquarium in Baltimore
501 E. Pratt Street
Baltimore, MD 21202
410/576-3887

National Association of Conservation
Districts
PO Box 855
League City, TX 77573
713/332-3402
Promotes the wise use of soil and
water resources in local conserva-
tion districts.

National Marine Education Association
Dauphin Island Marine Lab
PO Box 369-370
Dauphin Island, AL 36528
205/861-7558
An organization of marine educa-
tors that teach marine science to
students of all ages.

National Project WET
Montana State, Project WET
335 Culbertson Hall
Boseman, MT 59717
406/994-1909

Natural Resources Conservation
Service (formerly Soil Conservation
Service)
National Conservation
Center/NPMC
Building 509, Barc-East
Beltsville, MD 20705-0001
301/504-7037
A United States Department of
Agriculture subsidiary that assists
private landowners in conserva-
tion programs and practices.

River Network
P.O. Box 8787
Portland OR 97207-8787
503/241-3506
National organization that pro-
vides information and technical
assistance to grass-root river
groups.

Tennessee Valley Authority
TVA-WT10D-K
Clean Water Initiative
400 W Summit Hill Drive
Knoxville, TN 37902
615/632-4713

Trout Unlimited

1500 Wilson Blvd., #310
Arlington, VA 22209-2310
703/284-9409

National fishing organization with youth fishing programs in various chapters.

U.S. Fish & Wildlife Service

4401 N Fairfax Dr., WEBB 304
Arlington, VA 22203-3247
703/358-2504

Works to conserve and enhance fish and wildlife and their habitats nationwide.

U.S. Geological Survey (USGS)

Denver Federal Center
PO Box 25046, Mail Stop 414
Denver, CO 80225
303/236-4932

Provides information about the occurrence, availability and ecology of surface and groundwater throughout the us.

Water Environment Federation

601 Wythe Street
Alexandria, VA 22314-1994
703/684-2487

An international, nonprofit organization that coordinates water quality experts to provide technical and educational services to the public.

Western Regional Environmental Education Council (WREEC)

4014 Chatham Lane
Houston, TX 77027
713/520-1936

Develops, disseminates and coordinates environmental education programs and materials.

WETnet—A national and international network of people working with national Project WET and The Watercourse Public Education Program.

For more information, contact
The Watercourse
201 Culbertson Hall
Montana State University
Bozeman, MT 59717-0057
406/994-5392



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