

Science Education

eNature.com

Field guides, life lists, classroom lists, bird finder, ask an expert, nature watches and find a park (lists and info on National Parks).

<http://www.enature.com>

The GLOBE Program

Global Learning and Observations to Benefit the Environment

<http://www.Globe.gov>

Kids Do Ecology

Educational activities for young scientists accessing the Internet

<http://www.nceas.ucsb.edu/nceas-web/kids/>

National Weather Service

Resources for educators to improve student awareness of meteorology, hydrology and climatology.

<http://www.nws.noaa.gov>

Project KIE (Knowledge Integration Environment)

Free middle and high school computer-aided science instruction.

<http://kie.berkeley.edu>

Project WISE (Web-based Integrated Science Environment)

Free middle and high school science curriculum activities. Extensive teacher resources.

<http://wise.berkeley.edu/welcome.php>

Science Junction

North Carolina State University's cyber-community for teachers, students and science researchers.

www.ncsu.edu/sciencejunction/

SeaWiFS Project

The purpose of the Sea-viewing Wide Field-of-view Sensor (SeaWiFS) Project is to provide quantitative data on global ocean bio-optical properties to the earth science community.

<http://seawifs.gsfc.nasa.gov/SEAWIFS.html>

US Environmental Protection Agency

Science resources for teachers and students including curriculum ideas.

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

US Fish and Wildlife Service

Tools for educating about fish and wildlife including publications, videos, maps, pictures and a kid's page.

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

Earth Science

Destination: Earth

NASA's Earth Science Enterprise, teacher and student resources, images and multimedia for use in earth science education.

<http://www.earth.nasa.gov/>

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TeachEarth.com

Resources for teaching and learning about earth system science.

<http://teachearth.com>

Marine Science

The Bridge

Ocean Sciences Education Teacher Resource Center. Numerous resources for teachers including lesson plans, materials and tons of information.

<http://www.vims.edu/bridge/>

Carolina Coastal Science

Incorporates real-life examples of coastal issues from the Carolinas into classroom science, social studies, geography, language and media studies.

<http://ncsu.edu/coast/>

Center for Marine Conservation

Marine science activities for teachers and students, general information and curriculum ideas.

<http://www.cmc-ocean.org>

CORE (Consortium for Oceanographic Research and Education)

National Ocean Sciences Bowl, K-12 marine education programs, ocean science educators retreats.

<http://core.cast.msstate.edu/education.html>

Estuary Live

Virtual field trips from the Rachel Carson Reserve in North Carolina.

<http://www.estuarylive.org>

Island Explorers Marine Science Program

University of Southern California Sea Grant's student-centered science curriculum.

<http://www.usc.edu/org/seagrant/IE.html>

Monterey Bay Aquarium

Marine science based activities and resources for educators and students.

<http://www.mbayaq.org/lc/>

National Geographic's Sustainable Seas Expeditions

Program to explore the nation's marine sanctuaries, extensive teacher materials, informal education and teacher and student opportunities.

<http://sustainableseas.noaa.gov>

National Marine Sanctuaries

Information on the nation's marine sanctuaries, data from the sanctuaries education activities and teacher resource lists.

<http://www.sanctuaries.nos.noaa.gov/>

Physical Oceanography Distributed Active Archive Center (PO.DAAC)

Data, CD-ROMs, poster and other educational information on physical aspects of the oceans. Links to the Jet Propulsion Laboratory's (JPL) and NASA's educational sites.

<http://podaac-www.jpl.nasa.gov/edu/>

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Surfrider Foundation

Respect the Beach Education Program

http://www.surfrider.org/RTB_publications.htm

Water on the Web

Integration of real-time data into educational curricula over the Internet. Data, lesson plans, support for water education.

<http://wow.nrri.umn.edu/wow>

Educator Support

American Museum of Natural History

Resources for educators including online courses, youth and family programs and workshops.

<http://www.amnh.org/education/>

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National Marine Educators Association

Making known the world of water, both fresh and salt. Resources and support for science educators, scientists, business, government and research.

<http://www.marine-ed.org>

National Science Foundation

Programs and information for educators and students.

<http://www.nsf.gov>

National Science Teachers Association

Promoting excellence and innovation in science teaching and learning for all.

<http://www.nsta.org>

Curriculum Ideas/Resources

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Learn NC

UNC-CH School of Education's online teacher development program, which has a database of 2,700 lesson plans available to the public.

www.learnnc.org

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Wildlife

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Journey North Website

A global study of wildlife migrations.

<http://www.learner.org/jnorth/search/>

National Audubon Society

Resources for students and teachers focusing on conservation and restoration of birds and other wildlife. Educational materials, camps, classroom kits.

<http://www.audubon.org/educate/>

US Fish and Wildlife Service

Tools for educating about fish and wildlife including publications, videos, maps, pictures and a kid's page.

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

Wetlands/ Mangroves

Estuary Live

Virtual field trips from the Rachel Carson Reserve in North Carolina.

<http://www.estuarylive.org>

GLOMIS (Global Mangrove Database and Information System)

Searchable databases of literature, researchers and institutions relating to mangroves

<http://www.glomis.com>

Mangrove Replenishment Initiative

Information on mangroves and restoration activities

<http://www.mangrove.org>

RAMSAR

Official site of RAMSAR, the convention on wetlands. Publications, education tools, information.

<http://ramsar.org/>

Wild Things 2000

A live, interactive wetland field trip via satellite. The 2000 project is over, but the site has curriculum ideas, and may do another broadcast in the future.

<http://www.wildthings2000.org/>

Coral Reefs

AIMS (Australian Institute of Marine Science)

Information on the sustainable use and conservation of Australia's marine environment. Site has a great video clip of coral spawning.

<http://www.aims.gov.au/>

Coral Disease Page

Information, literature, pictures and identification key for diseases of scleractinian corals and other reef organisms.

http://ourworld.compuserve.com/homepages/mccarty_and_peters/coraldis.htm

ICRI (International Coral Reef Initiative)

Partnership of coral reef stakeholders that works to promote best strategies to conserve reefs.

<http://www.environnement.gouv.fr/icri/index.html>

ISRS (International Society for Reef Studies)

An organization that promotes the production and dissemination of scientific knowledge and understanding of coral reefs.

<http://www.uncwil.edu/isrs/>

Life on the Reef

A Discovery Channel and American Museum of Natural History expedition to study the coral reefs of the Bahamas. Lots of information and great pictures.

<http://www.discovery.com/exp/coralreef/coralreef.html>

NOAA's Coral Health and Monitoring Program (CHAMP)

Literature lists, researcher directory, monitoring protocols, information on coral reefs and home of the coral-list list server.

<http://coral.aoml.noaa.gov/>

Project A.W.A.R.E.

Aquatic world awareness, responsibility and education. Grass-roots activities and education materials.

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

Reef Check

International coral reef monitoring program.

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

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US Coral Reef Task Force

Page contains information on US coral reefs and US activities to conserve them.

<http://coralreef.gov/>