



# Wisconsin Center for Environmental Education

[www.uwsp.edu/cnr/wcee](http://www.uwsp.edu/cnr/wcee)

## Suggested Web Sites

# RESOURCE COLLECTIONS

### **American Field Guide**

[www.pbs.org/americanfieldguide/index.html](http://www.pbs.org/americanfieldguide/index.html)

This website provides 1,400 narrated video clips of outdoor programming content from nearly 30 Public Broadcasting Stations. Clips may be searched by keyword or accessed on the homepage under eight topics, including Animals, Ecosystems, Human History, Plants, and Public Policy. These topics are further divided into subtopics, each containing lists of available clips that are indexed with a printed transcript. The homepage also provides a link to Teacher Resources, which includes lesson plans suitable for middle and high school classes.

### **ARKive: Images of Life on Earth**

[www.arkive.org](http://www.arkive.org)

Maintained by the British educational charity The Wildscreen Trust, this site provides color photographs and videos as part of a digital conservation effort to highlight Earth's most endangered plants and animals. The site is intended to be an archive for the twenty-first century by offering scientific and historical records to inform the public about endangered species. By the end of 2003, the site will hold information on nearly 1,300 of the Earth's 11,000 endangered plants and animals, and will keep adding from there. The educators' area contains lesson plans and support materials. Two "species" areas are available—one for young children and another for older students, adults, and scientists.

### **Atlas of the Biosphere**

<http://www.sage.wisc.edu/pages/news.html>

The Center for Sustainability and the Global Environment's Atlas of the Biosphere contains numerous maps, at a variety of scales, documenting environmental phenomena across the globe, such as water resources, ecosystems, land use patterns, and human impact. The Atlas also contains the data sets that were used to generate these different thematic maps. Related material on the site includes several different global ecosystem and terrestrial hydrology models that have been created by the Center, and are publicly available for general review.

### **Darwin Centre Live**

<http://www.nhm.ac.uk/nature-online/science-of-natural-history/darwin-centre-live/>

Online videos presented by The Natural History Museum of London are organized into broad topics, including In the Spotlight, Collectors and Collections, Extreme Environments - From the deepest oceans to deep space, and Fakes and Forgeries.

### **Digital Library for Earth System Education (DLESE)**

[www.dlese.org/](http://www.dlese.org/)

DLESE is a community-led, NSF-funded effort to promote access to high-quality resources for teaching and learning about the earth. Now in its fourth year, DLESE provides access to over 5,000 educational resources in a variety of formats, from text-based lesson plans and field trip guides to sophisticated tools for visualization of scientific data. Materials are searchable by grade level, resource type, and subject, as well as by National Science Education Standards and Geography Standards.

## **Earth Trends**

<http://earthtrends.wri.org/>

An environmental information portal hosted by the World Resources Institute, this site offers searchable databases, country profiles, maps, and other resources on topics such as coastal and marine ecosystems, climate, population and health, economics, energy, agriculture, forests, and governance.

## **Ecolex**

[www.ecolex.org/ecolex/index.php](http://www.ecolex.org/ecolex/index.php)

A comprehensive, global database on environmental law, ECOLEX is operated jointly by the Food and Agriculture Organization of the United Nations, the International Union for Conservation of Nature and Natural Resources, and the United Nations Environment Programme. The ECOLEX database includes information on treaties, international soft-law and other non-binding policy and technical guidance documents, national legislation, judicial decisions, and law and policy literature. Users have direct access to the abstracts and indexing information about each document, as well as to the full text of most of the information provided.

## **Electronic Environmental Resources Library**

[www.eerl.org/index.php](http://www.eerl.org/index.php)

eERL is tailored for community college students and educators and practitioners in environmental technology areas. However, if you are interested in finding information on a variety of environmental topics, from climate change and sustainability to compliance, you have an excellent chance of finding it in eERL. Plus all of the resources in eERL have been reviewed by a hand-picked team of educators from across the country as current, accurate information.

## **Envirofacts Data Warehouse**

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

This site allows you to perform queries about the status of waste, water, toxics, air, land, and other factors in your ZIP code, city, or county. It provides detailed lists of the facilities that are producing hazardous waste and emissions, and specifies what those substances are.

## **Google Scholar**

<http://scholar.google.com/>

This subsection of the Google search engine is devoted to scientific sites. Google Scholar enables searching specifically for scholarly literature, including peer-reviewed papers, theses, books, preprints, abstracts and technical reports from all broad areas of research. Use Google Scholar to find articles from a wide variety of academic publishers, professional societies, preprint repositories and universities, as well as scholarly articles available across the web.

## **Green Museum**

[www.greenmuseum.org](http://www.greenmuseum.org)

This purpose of this online museum of environmental art is to advance creative efforts to improve our relationship with the natural world. Its goal is to inform, inspire and connect people through environmental art and encourage the creation of new work that serves communities and ecosystems. The site has an artist section that presents images and documentation of artwork, writings, and online exhibitions; and a community section that provides a full listing of events, opportunities, links, and a discussion area. There is also an educator's toolbox that can be accessed from a link halfway down the first page.

## **IEEE Virtual Museum**

[www.ieee-virtual-museum.org](http://www.ieee-virtual-museum.org)

The Institute of Electrical and Electronic Engineers, a non-profit, technical professional association, has created a virtual museum designed for students ages 10-18, educators, and the general public. The online exhibits aim to enhance understanding of the principles of electrical and information sciences and technologies within a

historical context. An exhibit of particular interest to environmental educators is “Socket to Me: How Electricity Came to Be.”

### **Ingenious**

[www.ingenious.org.uk/](http://www.ingenious.org.uk/)

This site is a library of articles and images that allow users to formulate their own viewpoints on a variety of social issues surrounding science. This collection brings together images and viewpoints to create insights into the relationships between science and culture. Students read short, opinionated articles that force them to develop their own opinions on a wide spectrum of social issues. The social issues range from identity genetics, to household technology, to the ethics of tourism. Accompanying each article are multiple photographs that help illustrate the conflicting content and viewpoints. These pictures reveal changes over time in many areas, including transportation, energy, food, and clothing. The site emphasizes the importance of holding debates in order to help students understand their world. It also encourages visitors to contribute to the discussions by posting their own opinions on current issues.

### **Jungle Walk**

[www.junglewalk.com](http://www.junglewalk.com)

A large compilation of links to information, movies, photos, and sound clips, categorized and arranged for easy reference. Learn about many different animals, big and small. Watch movies of protozoan animal cells and cheetahs hunting, explore bird sounds, and hear blue whale songs at this virtual Animal Encyclopedia.

### **Map Machine**

<http://plasma.nationalgeographic.com/mapmachine/>

The National Geographic online atlas allows customizable searches for nearly any place on Earth to view by population, climate, and much more. View antique maps, find country facts, or plan an outdoor adventure with a trail map.

### **My Tiny Garden**

[www.mytinygarden.com/launch.htm](http://www.mytinygarden.com/launch.htm)

This site is a photographic celebration of the small creatures that live on or near the plants in the web site author's garden. The site contains over 100 photographs of insects, garden snails, spiders and other small animals. A magnifying glass tool allows the viewer to see details on any part of the image. Every photo is accompanied by a few paragraphs of text. The text for any given image consists of personal reflections on the photograph, anecdotes from the author's childhood or gardening experiences, descriptions of how the photo was taken, and/or a few facts about the animal featured in the image.

### **National Atlas**

[www.nationalatlas.gov](http://www.nationalatlas.gov)

The latest National Atlas includes electronic maps and services that are delivered online. In the Map Maker section, you can use more than 500 map layers to select, display, and print your own maps. You can locate any place in America and learn more about its features on your custom-made maps. Handy links take you outside the National Atlas for even more information. The site also offers simple prepared maps that you can print.

### **National Library for the Environment**

<http://www.cnie.org/nle/>

A program of the National Council for Science and the Environment, this site offers links to environmental Congressional Research Service Reports, online references, hot topics, and many other resources.

### **NOVA Online Teachers' Page**

<http://www.pbs.org/wgbh/nova/teachers/>

NOVA has created a searchable database of all of their educational materials, an ever-growing collection of

more than 500 separate resources. You can search according to program contents, printable activities, online activities, teacher ideas, and web site overviews.

### **Pics4Learning**

[www.pics4learning.com](http://www.pics4learning.com)

Pics4Learning is a copyright-friendly image library for teachers and students that contains thousands of images that have been donated by students, teachers, and amateur photographers. Unlike many internet sites, permission has been granted for teachers and students to use all of the images donated to the collection. Formerly known as PhotoShare, a recipient of the ComputerWorld Smithsonian Award, Pics4Learning is a partnership between Orange County Public Schools Technology Development Unit of Orlando, Florida, and Tech4Learning, Inc.

### **Teachers Domain**

[www.teachersdomain.org](http://www.teachersdomain.org)

Teachers' Domain is a multimedia digital library produced by WGBH, with major funding from the National Science Foundation, for K-12 teachers and students. You'll find an extensive collection of classroom-ready resources, as well as media-rich lesson plans and professional development resources. Each resource is catalogued by grade level and correlated to national and state standards.

### **World Environment Library**

<http://nzdl.sadl.uleth.ca/cgi-bin/library?a=p&p=about&c=enyl>

The World Environment Library was developed in December 1999 by the Humanity Libraries Project (now called Human Info NGO). It contains 400 publications (45,000 pages) of ideas in the fields of Agriculture, Biodiversity, Climate Change, Environmental Impact Assessment, Energy, Health, Natural Resources, Policy, Sustainable Development, Waste Management and Water. Contents may be searched by key words, title, subject, or authoring organization.