



# Wisconsin Center for Environmental Education

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

## Suggested Web Sites

# WATER

### Access to Safe Drinking Water: A Research-Based Learning Module

[www.peacecorps.gov/wws/research/water/index.html](http://www.peacecorps.gov/wws/research/water/index.html)

Put yourself in the shoes of a Peace Corps Volunteer and tackle a real-world problem. This online research module will guide your students through the steps to research and present findings about access to safe drinking water in a community in Ghana, West Africa. This research module uses questioning, problem solving, critical thinking, and technology skills and is intended for middle and high school students.

### Clean Water Network

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

The Clean Water Network is an alliance of over 1,100 organizations that endorse the *National Agenda for Clean Water*. The *Agenda* outlines the need for strong clean water safeguards in order to protect public health and the environment. The CWN website offers a variety of water-related fact sheets, issue reports, action alerts, handbooks, and news updates.

### Common Water, Common Ground

[http://fusion.concord.org/esf/common\\_water.cfm](http://fusion.concord.org/esf/common_water.cfm)

This is an online curriculum designed to help students learn about our precious fresh water resources, and to help them appreciate how our practices on land affect the quality of the water upon which life depends. Video and interactive multimedia technology anchor the curriculum and provide resources for research into the complex issues surrounding freshwater resources. The curriculum, geared toward high school students, is intended to address a variety of time and resource constraints.

### Down the Drain: How Much Water Do You Use?

[www.k12science.org/curriculum/drainproj/](http://www.k12science.org/curriculum/drainproj/)

Maintained by the Center for Improved Engineering and Science Education, this site is home to an online, collaborative project in which students share information about their water usage with other students from around the country and the world. The project is targeted for students in grades 4 to 8, but anyone who is interested is invited to participate. The site's lessons give students the opportunity to understand and measure the quantities of water that they use each day.

### EPA Water for Kids

[www.epa.gov/ow/kids/waterforkids.html](http://www.epa.gov/ow/kids/waterforkids.html)

This site has links to water-related games, activities, experiments, and instructional materials useful for elementary and middle school students.

### Groundwater Foundation

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

The Groundwater Foundation aims to make learning about groundwater fun and understandable for kids and adults. Their website offers basic information on groundwater, the hydrologic cycle, and water contamination, as well as a glossary, kids' section, group projects, free stuff, and more.

## **Interactive Watersheds**

[www.interactivewatersheds.net/](http://www.interactivewatersheds.net/)

Using immersive and interactive 360 degree panorama virtual tours and online community centers, these highly visualized web sites provide collaborative community based watershed organizations and individuals a place to share restoration techniques and contribute to ecosystem recovery.

## **Introduction to Watershed Ecology**

[www.epa.gov/owowwtr1/watershed/wacademy/acad2000/ecology/](http://www.epa.gov/owowwtr1/watershed/wacademy/acad2000/ecology/)

This site introduces basic watershed ecology concepts. It examines the physical forces that shape watershed ecosystems, plants and animals that inhabit them, typical watershed structures, and how watersheds function—at different geographic scales and over time.

## **RiverSmart**

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

RiverSmart is a national public education campaign designed to show people how simple changes in their everyday activities can help our nation's rivers. Their website contains an introduction to watersheds, water conservation tips, press releases, and more.

## **Virtual River**

<http://vcourseware.sonoma.edu/VirtualRiver/>

At Virtual River there are two interactive exercises designed to help students learn about river processes like discharge, flooding, and flood frequency. Each activity requires careful observations and measurements, simple calculations, and other questions. A "Certificate of Completion" is available at the end of each activity.

## **Watercenter**

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

Watercenter.org is interested in all aspects of water that touch our daily lives. At home or work, clean water is important to everyone's health. They focus on the safety, quality and enjoyment of our water supplies. There is a section about water-related science fair projects for students, one with experiments and demonstrations for teachers, and another with basic water information and terms for the general public.

## **Water Environment Foundation Teachers' Pages**

<http://www.wef.org/WefStudents/Teachers/index.jhtml>

Check out "Go With the Flow", an interactive series of pages that illustrate how water is processed for human use. There are also hands-on activities available in PDF format, organized according to grade level (K-12). The "Complimentary Materials for Students and Teachers" offers a variety of posters and brochures that you can order for free by email.

## **Water on the Web**

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

Water on the Web (WOW) offers unique opportunities for high school students to learn basic science through hands-on activities in the lab and in the field, and by working with state-of-the-art technologies. Teacher and student lesson plans are available, as well as water quality data, provided in real-time and archived formats.

## **The Watershed Game**

[www.bellmuseum.org/distancelearning/watershed/watershed2.html](http://www.bellmuseum.org/distancelearning/watershed/watershed2.html)

This interactive watershed-planning game was developed by the Bell Museum of Natural History at the University of Minnesota. It is geared towards students and teachers in grades 4-8.

## **Water Sourcebooks**

[www.epa.gov/safewater/kids/wsb/](http://www.epa.gov/safewater/kids/wsb/)

The Water Sourcebooks contain 324 activities for grades K-12 divided into four sections: K-2, 3-5, 5-8, and 9-

12. Each section is divided into five chapters: Introduction to Water, Drinking Water and Wastewater Treatment, Surface Water Resources, Ground Water Resources, and Wetlands and Coastal Waters. This environmental education program explains the water management cycle using a balanced approach showing how it affects all aspects of the environment. All activities contain hands-on investigations, fact sheets, reference materials, and a glossary of terms. Activities are organized by objectives, materials needed, background information, advance preparation, procedures, and resources.