

Citizen Monitoring Programs

Water Quality

Alabama Water Watch (AWW)

A program with nearly 255 citizen groups dedicated to developing citizen volunteer monitoring of Alabama's lakes, streams and coasts. These citizens have sampled over 25,000 chemistry and 4,000 bacteriological data forms. This water information has had positive impacts on education, restoration and local-to-state water policy.

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

Rhode Island Watershed Watch – University of Rhode Island

The URI Watershed Watch Program works with local governments, watershed, tribal and other organizations to assess water quality by recruiting and training volunteers to become citizen scientists.

<http://www.uri.edu/ce/wq/ww/html/ww.html>

Kentucky Water Watch

A state-sponsored program that monitors water quality throughout Kentucky, this page contains protocols and guidance for water monitoring with volunteers.

<http://www.water.ky.gov/ww/>

IOWATER – Iowa Volunteer Water Quality Monitoring Program

IOWATER provides a wealth of information on water monitoring in Iowa, and links to other volunteer monitoring sites.

<http://www.iowater.net/>

Stream Quality Monitoring Project, Ohio

Volunteers monitor reference stations established on all 20 of the state's designated Wild and Scenic Rivers. Data are gathered 3 times a year and given to Scenic Rivers Program staff.

<http://www.dnr.state.oh.us/dnap/monitor/default.htm>

Virginia Save our Streams

Data collected by their certified monitors is sent to state agencies for use in water quality assessments. They currently have around 350 certified volunteers monitoring approximately 220 locations in Virginia's streams.

<http://www.sosva.com/>

Water Action Volunteers (Wisconsin)

Water Action Volunteers (WAV) is a statewide program for Wisconsin citizens who want to learn about and improve the quality of Wisconsin's streams and rivers.

<http://clean-water.uwex.edu/wav/>

World Water Monitoring Day

Citizens, established volunteer monitoring organizations, federal, state, Tribal and local monitors participate in annual National Water Monitoring Days. They sample for a core set of water quality parameters consisting of temperature, pH, turbidity and dissolved oxygen. Established volunteer monitoring organizations and government monitors use existing protocols, equipment, and monitoring methods to contribute comprehensive data to the national database maintained by America's Clean Water Foundation (ACWF).

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

Invasive Species

Invasive Plant Atlas of New England (IPANE)

IPANE's mission is to create a comprehensive web-accessible database of invasive and potentially invasive plants in New England with continual updates by a network of professionals and trained volunteers. The database will facilitate education and research that will lead to a greater understanding of invasive plant ecology and support informed conservation management.

<http://invasives.eeb.uconn.edu/ipane/>

Natural Biodiversity

Natural biodiversity engages citizen volunteers as “Weed Watchers, Weed Whackers, and Streambank Stewards” in Pennsylvania watersheds.

<http://www.naturalbiodiversity.org>

Massachusetts Lakes and Ponds Weed Watchers Program

The Massachusetts Department of Conservation and Recreation has developed a program to train local lake groups to monitor their ponds for the presence of exotic invasive species and to develop a removal plan if an infestation is found.

<http://www.mass.gov/dcr/waterSupply/lakepond/weedwatch.htm>

Sacramento Weed Warriors (SWW)

SWW engages citizen volunteers to monitor and control invasive plants in the Sacramento region, and to educate school and community groups about invasive plant issues.

<http://www.sacvalleycnps.org/Projects/weedFiles/Swwhome/weedhome.html>

Sonoran Desert Weedwhackers – Arizona Native Plant Society

The Sonoran Desert Weedwhackers is a community network of volunteers conducting reconnaissance for and eradication of exotic grasses.

http://aznps.org/html/exotics_weedwhackers.html

Recreational Impacts

Bear River Watershed Council – Project SNO and Project MUD

The BRWC engages volunteers to monitor illegal winter and summer motorized use of areas within national forest lands in Utah’s Bear River watershed.

<http://www.brwcouncil.org>

The Great Old Broads for Wilderness Healthy Lands Project

The Broads’ Healthy Lands Project involves citizen volunteers to monitor and collect data on Off-Highway Vehicle use on sensitive public lands. Monitoring results and data collected will eventually be archived in a database available on this site.

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

Amphibians, Birds, Multiple Subjects

North American Breeding Bird Survey (BBS)

This avian survey uses skilled volunteer birders and professional biologists to collect long-term data on the population status and trends of breeding birds throughout North America. The BBS is the major population monitoring program for landbirds in North America and is the main source of information on population trends for a wide variety of research and conservation purposes

<http://www.pwrc.usgs.gov/bbs/>

Monitoring Amphibians on the Palouse (MAP)

The purpose of MAP is to gather long-term data on the presence and reproductive success of seven species of amphibians frogs, toads, and salamanders in the Palouse Bioregion of Latah County, Idaho.

<http://www.pcei.org/education/map.htm>

DuPage Natural Area Volunteers

In DuPage County, Illinois this group of volunteers engages in stewardship and bird, amphibian, and vegetation monitoring activities in partnership with the Forest Preserve District of DuPage County and other local landowners.

<http://members.aol.com/dvsg/who.htm>

SAVEM – Southern Appalachian Volunteer Environmental Monitoring

SAVEM trains volunteers in the Southern Appalachian area in invasive plant and water quality monitoring and inventory. Their site contains a description of the project and maps and data they have generated.

<http://samab.org/Focus/Monitor/monitor.html>

NatureWatch is a suite of community-based "citizen science" monitoring programs through which Environment Canada collects data on indicators of ecosystem health. The founding components include FrogWatch, IceWatch, PlantWatch and WormWatch.

www.NatureWatch.ca

Compiled by the University of Montana Wilderness Institute, www.forestry.umt.edu/wi, May 2006.