

As the nation's largest water, earth and biological science and civilian mapping agency the USGS works in cooperation with more than 2000 organizations across the country to provide reliable, impartial, scientific information to resource managers, planners, and other customers.

This information is gathered in every state by USGS scientists to:

- ◆ minimize the loss of life and property from natural disasters,
- ◆ contribute to sound economic and physical development of the nation's natural resources, and
- ◆ enhance the quality of life by monitoring water, biological, energy, and mineral resources.

With offices in every State and Puerto Rico, the U.S. Geological Survey is a convenient source of information and technical assistance on water-quality issues. To locate the nearest office, visit our web page at <http://water.usgs.gov/wrd002.html>. The USGS can assist USEPA, States, tribes, and local agencies with TMDL efforts related to National consistency, multi-jurisdictional boundaries, regional issues, QA/QC, training, monitoring, data analysis, and modeling.

Capabilities

Monitoring network design
 Surface-water monitoring
 Ground-water monitoring
 Water-quality monitoring
 Biological monitoring
 Modeling

Habitat assessment
 Atmospheric deposition information
 Data interpretation
 Statistical analysis
 Technical assistance

GenScn – Generation and Analysis of Model Simulations and Scenarios for Watersheds

http://water.usgs.gov/cgi-bin/man_wrdapp?genscn

HSPF – Hydrologic Simulation Program – Fortran

http://water.usgs.gov/cgi-bin/man_wrdapp?hspf

HSPEXP – Expert System for flow calibration of HSPF

http://water.usgs.gov/cgi-bin/man_wrdapp?hspepx

ANNIE – Interactive hydrologic analysis and data management program

http://water.usgs.gov/cgi-bin/man_wrdapp?annie

FEQ – Full equation model for one-dimensional unsteady flow

<http://www-il.usgs.gov/proj/feq>

BLTM – Branched Lagrangian transport model

http://water.usgs.gov/cgi-bin/man_wrdapp?bltm

DAFLOW – Streamflow routing in upland channels or channel networks

http://water.usgs.gov/cgi-bin/man_wrdapp?daflow

SPARROW – calculates flux for RF1 reaches

<http://wwwrvares.er.usgs.gov/nawqa/sparrow/>

Data

NASQAN water quality data
 Sediment
 Hydrologic Benchmark Network
 Atmospheric deposition
 Water-quality – Quality Assurance
 GIS
 Watershed boundaries
 Gage locations

NAWQA
 Nutrients
 Pesticides
 Volatile organics
 Trace elements
 Algae
 Fish
 Habitat

Information concerning US Geological Survey activities and other information related to TMDLs is available at: <http://water.usgs.gov/owq/tmdl>

Ask USGS Web Site

The U.S. Geological Survey (USGS) has now released the ask.usgs.gov Web site. It provides data on the natural sciences. The topics of biology, hydrology, geology, and mapping are included under the following categories.

Who Are We -- A definition of the USGS and its mission

Spotlight -- News, events, and features of the USGS

Questions -- Frequently asked questions that pertain to biology, hydrology, geology, and mapping; contact information

Sources of Information -- USGS resources, such as Information Specialists, Libraries, and State Representatives

Maps and Other Products -- Maps, aerial photographs, digital data, satellite imagery, publications, new products, software, and real-time data

Educational Resources -- Educational materials

The "Ask-USGS" contact information is:

Telephone: 1-888-ASK-USGS (275-8747)

Fax Service: 703-648-4888

Ask-USGS: ask@usgs.gov

Internet: <http://ask.usgs.gov>

Contacts

National USGS

<http://www.usgs.gov>

USGS Biological Resources

<http://biology.usgs.gov/>

USGS Geology

<http://geology.usgs.gov/>

USGS Mapping

<http://mapping.usgs.gov/>

USGS Water Resources

<http://water.usgs.gov>

Office of Water Quality

<http://water.usgs.gov/owq>

Office of Surface Water

<http://water.usgs.gov/osw>

Office of Ground Water

<http://water.usgs.gov/ogw>

Local Web Sites and USGS State Contacts

<http://water.usgs.gov/wrd002.html>

Web Site Address

National Water Summary

<http://water.usgs.gov/nwsum/index.html>

Ground Water Atlas of the United States

<http://wwwcapp.er.usgs.gov/publicdocs/gwa/>

SMIG – Surface Water Modelers Interest Group

<http://smig.usgs.gov/SMIG/>

Toxic Substances Hydrology Program

<http://toxics.usgs.gov/toxics/>

National Water Use Program

<http://water.usgs.gov/watuse/>

National Water Quality Laboratory

<http://wwwnwql.cr.usgs.gov/>

Real-Time Water Data

<http://water.usgs.gov/realttime.html>

Historical Streamflow Data

<http://water.usgs.gov/nwis-w/US/>

Historical Suspended-Sediment Data

<http://webserver.cr.usgs.gov/sediment/>

National Research Program

<http://wwwrvaes.er.usgs.gov/nrp/nrp.html>

National Water Quality Assessment Program

<http://water.usgs.gov/nawqa/>

Drinking Water Program

<http://water.usgs.gov/owq/dwi/>

National Atmospheric Deposition Program/National Trends Network

<http://bqs.usgs.gov/acidrain/>

Report to Congress: A New Evaluation of the USGS Stream Gaging Network

<http://water.usgs.gov/streamgaging>