

## Resources for Teachers: Water Education, Rio Grande, and Water Quality

### Water Education Curriculum

- Water Science for Schools, USGS <http://ga.water.usgs.gov/edu/> ♦
- EPA's Education Resources <http://water.epa.gov/polwaste/nps/eduinfo.cfm> ♦
- Project WET <http://www.projectwet.org>
- Major Rivers: A Water Education Program for Texas <http://www.twdb.state.tx.us/edu/MajorRivers/index.asp>
- Polluted Runoff for Kids <http://www.epa.gov/owow/NPS/kids>
- EPA Water Activities for Middle School <http://water.epa.gov/learn/resources/midsh/index.cfm>
- EPA WaterSense for Kids <http://www.epa.gov/watersense/kids/index.html> and corresponding Teacher Resources for WaterSense [http://www.epa.gov/watersense/resources/educational\\_materials.html](http://www.epa.gov/watersense/resources/educational_materials.html)
- USGS's Learn About Water resources page <http://water.usgs.gov/education.html>

### Volunteer Water Monitoring

- Texas Stream Team <http://txstreamteam.rivers.txstate.edu/> ♦
- World Water Monitoring Day <http://www.worldwatermonitoringday.org/>

### Watershed Training

- Texas Watershed Steward Program <http://tw.s.tamu.edu/online-course> ♦
- EPA's Watershed Academy [http://water.epa.gov/learn/training/wacademy/wacademy\\_index.cfm](http://water.epa.gov/learn/training/wacademy/wacademy_index.cfm)
- Atmospheric & Marine-Based Interdisciplinary Environmental Health Training (AMBIENT) Training <http://yyy.rsmas.miami.edu/groups/ambient/>

### Rio Grande Water Quality Data

- Texas Clean Rivers Program for the Rio Grande Basin Monitoring Station Data <http://www.ibwc.gov/CRP/monstats.htm> ♦
- Texas Commission on Environmental Quality Texas Water Data <http://www.texaswaterdata.org>
- TCEQ Surface Water Quality Monitoring, Sampling Data Query <http://www.tceq.state.tx.us/compliance/monitoring/crp/data/samplequery.html>
- Continuous Water Quality Monitoring Stations and Data [http://www.tceq.texas.gov/compliance/monitoring/water/quality/data/wqm/swqm\\_realtime.html](http://www.tceq.texas.gov/compliance/monitoring/water/quality/data/wqm/swqm_realtime.html)
- USGS Water Data for the Nation <http://waterdata.usgs.gov/nwis>

### Rio Grande Water Quality Impairments

- TCEQ 303d List [http://www.tceq.texas.gov/compliance/monitoring/water/quality/data/wqm/305\\_303.html](http://www.tceq.texas.gov/compliance/monitoring/water/quality/data/wqm/305_303.html)

### Watershed Resources

- EPA Office of Wetlands, Oceans, and Watersheds <http://www.epa.gov/owow/>
- Facts About Texas Water <http://texas.sierraclub.org/press/facts.asp>

### River Cleanups – Get Involved

- USIBWC Adopt-a-River Program <http://www.ibwc.gov/CRP/adoptariver.htm>
- Texas Waterway Cleanup Program <http://www.ktb.org/programs/texas-waterway-cleanup-program.aspx>

### Events for Teachers to take their students

- El Paso Water Utilities Annual Water Festival (every October) <http://www.tech2o.org/index.html> ♦

♦ - recommended!

## Additional Teacher Resources

### EPA Resources

- Water Activities for Middle School <http://water.epa.gov/learn/resources/midsh/index.cfm>
- Teacher Resources for Water Education <http://www.epa.gov/teachers/water.htm>
- ECHO Database to search for permitted facilities and violations [http://www.epa-echo.gov/echo/compliance\\_report\\_water\\_icp.html](http://www.epa-echo.gov/echo/compliance_report_water_icp.html)
- EnviroMapper for Water <http://www.epa.gov/waters/enviromapper>

### Project WET Resources

- Arizona WET Teacher Support <http://cals.arizona.edu/arizonawet/teachersupport/>
- Project WET <http://projectwet.org/>

### Other Water Education Resources

- CA.GOV Water Education Materials <http://www.water.ca.gov/education/>
- USGS Water Science for Schools <http://ga.water.usgs.gov/edu/>

### **Texas Watershed Steward Program**

<http://tws.tamu.edu/online-course>

Free training, optional certificate, no time limit for completion, course time estimated at 6 hours. Topics include watershed systems, watershed impairments, managing to improve watershed function, community-driven watershed protection and management.