



Water Resources Research Center

The University of Arizona

Mission

The University of Arizona's Water Resources Research Center (WRRC) promotes understanding of critical state and regional water management and policy issues through research, community outreach and public education.

The WRRC is committed to promoting a water literate citizenry; assisting communities in water management and policy; educating teachers and students about water; and encouraging scientific research on state water issues.

Background

A research and extension unit of the the College of Agriculture and Life Sciences, The University of Arizona WRRC is the designated state water resources research institute established under the 1964 Federal Water Resources Research Act. The WRRC conducts water policy research and analysis, and its information transfer activities include publications, conferences, seminars and workshops. Water news and information are provided to the academic community, water professionals, elected and appointed officials, students and the public. The WRRC is one of four University of Arizona water centers responsible for implementing the Water Sustainability Program, which receives funding from The University of Arizona Technology and Research Initiative Fund.

Research

Collaborative research undertaken by staff and students at the WRRC includes a diverse range of topics that relate to water management and water policy issues. Current topics include:

Rapid Watershed Assessments for Priority Arizona Watersheds

Evaluation of Water Management Plans in Arizona's Active Management Areas

Voluntary Water Conservation for Environmental Enhancement

Estimation Techniques and Analysis of Water Usage by Small Domestic Wells

Water Transactions: Economic and Legal Analysis

Grant Programs

NIWR (The National Institutes for Water Resources) The WRRC provides grants for research proposals under the Water Resources Research Act, Section 104B through the National Institutes for Water Resources. Funded by the U.S. Geological Survey, Section 104B provides support for small research projects on water-related issues of importance to the state and region. The WRRC generally distributes about \$50,000 to fund research projects at the three Arizona state universities each year.



Project WET Water Festival

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Water Sustainability Program The WRRC is one of four coordinating water centers of the UA Water Sustainability Program (WSP), a university-wide collaboration of scientists and educators. The goal of the WSP is to strengthen UA's water research, education and outreach, and to encourage research innovations and interdisciplinary solutions to real-world water problems in the state. The WSP has enabled the WRRC to greatly increase its involvement in research and to enhance education and outreach activities.

Arizona Project WET Arizona Project WET (Water Education for Teachers) is designed to engage students in learning about water. Students can be K-12 students, university students, adult volunteers, docents in training, or teachers learning to teach about water. By using quality pedagogy and up-to-date, Arizona-specific water resource content, Arizona Project WET facilitates critical thinking, data assessment and working together. Arizona Project WET promotes responsible water stewardship through excellent and effective education.

Arizona Make a Splash with Project WET Water Festivals are structured events designed to meet 4th grade learning objectives and provide an engaging learning experience for Arizona Students. In the last six years, Arizona Water Festivals have served 21,380 students and 800 teachers in 15 host cities.

Extension & Outreach

Annual Statewide Water Conference Serves as a forum to discuss important state water issues among water professionals, lawyers, academics, public officials and the general public. Topics have included water management issues, agricultural water use, water in the environment, and water and growth.

Brown Bag Seminar Series Features a variety of speakers that address current issues of interest to the UA campus and local community members.

WRRC Website Provides access to WRRC information and publications with links to state and national water related websites.

Publications & Products

Arizona Water Resource A bimonthly newsletter published by the WRRC. Coverage includes legislation and law, news briefs, guest views, publications, special projects, announcements and public policy reviews. AWR serves water professionals as well as citizens interested in water issues. Available on-line or by free subscription. The WRRC encourages interested agencies to sponsor special inserts featuring their organizations' research activities. The WRRC's issue paper series includes documents and reports addressing timely water issues of concern to Arizona and the West.

Desert Landscaping CD The second edition of the WRRC's popular multimedia CD, designed for use by homeowners and landscape professionals when choosing low-water use plants.

Arizona Water Map Poster The completely revised 31.5" X 41" full-sized color poster, produced by the WRRC, offers a visual wealth of state water information.