

WATER RESOURCES RESEARCH CENTER



THE UNIVERSITY OF ARIZONA
**College of Agriculture
& Life Sciences**
Cooperative Extension

Mission

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

Outreach & Engagement

The WRRC devotes much of its efforts to transferring water research results and information to potential users, including other researchers, water managers, policy makers, and the wider public. The Center's outreach activities include publications, conferences, lectures, seminars, and workshops.



Brownbag Seminars

Invited lecturers regularly inform and engage diverse audiences on a variety of water-related topics.



Conferences

The WRRC Annual Conference is a forum for engaging stakeholders in discussions of important state and regional water issues. **2015 Conference - Indigenous Perspectives on Sustainable Water Practices**



Publications

The WRRC produces research reports, outreach materials, and signature publications, including the Weekly Wave e-news digest, quarterly Arizona Water Resource newsletter, and the annual Arroyo.



Water Expertise Directory

The UA Water Expertise Directory is a searchable directory of the 300+ UA faculty and staff involved in water-related research, education, and outreach.



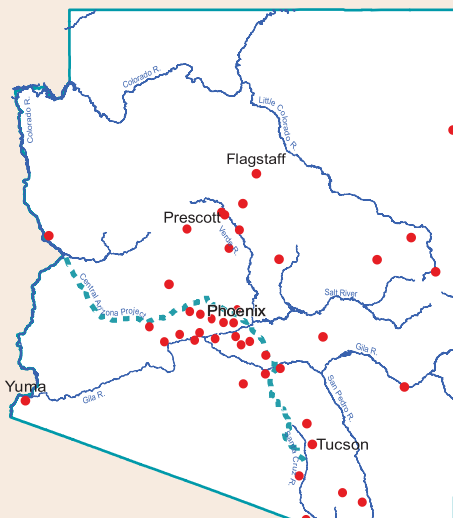
Water Map

The WRRC's comprehensive map of Arizona's water resources includes the state's watersheds, surface waters, groundwater basins, water supply and demand, annual precipitation, and more.



Water Policy

The WRRC provides valuable information to decision makers and others through research and analysis on water management and policy issues critical to Arizona.



Location of Engagement Activities 2012 and 2013

Programs

WRRC houses several programs focusing on scientific research, education, and community engagement. Programs are directed/coordinated by WRRC staff members and cover a wide spectrum of water-related topics, including water management and policy, water conservation, water harvesting, and water for the environment.



Conserve to Enhance (C2E). Connecting water conservation to community action.

Middle East Water

Facilitating the exchange of information about water management.



Research and planning innovations for water resource management in dryland systems.

WRRRA 104 Grants

WRRRA Section 104 Program. Administering grants for research and information transfer.



Arizona Project WET. Developing water stewardship and STEM literacy.



Water Sustainability Program. Funding UA research to help solve water resource challenges.



Connecting the community to information on water harvesting.



Water Quality Research. Investigating the impacts of recycled wastewater on public health

Groundwater Governance and Management

Improving, understanding, and promoting best practices for groundwater governance.

Research

Staff and students at the WRRC carry out research on a diverse range of topics related to water resources policy and management. Current topics include:

Groundwater Governance in the United States – A continuing effort to characterize groundwater governance practices across the nation, involving development, administration, and analysis of a survey of state agency officials.

Canal Maintenance Effects on Irrigation Water Quality – Quantifying fecal indicator bacteria (*Escherichia coli*) and pathogens (*Salmonella*) in canal water during and after maintenance events on agricultural irrigation canals.

Town of Clarkdale Water Resources Management – Assisting in development of a Water Resources Management Program (WRMP) for the Town of Clarkdale, including extensive research on best practices in municipal water management and two workshops designed to help Clarkdale create a WRMP.

Groundwater, Climate, and Stakeholder Engagement (GCASE) – Engaging stakeholders in the process of modeling the effects of a changing climate on ground and surface water resources.

Watershed Planning in the Upper Gila Watershed – Working with watershed stakeholders to assess water resources and enhance coordinated water and land management.

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wrrc.arizona.edu

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