

Texas Water Resources Institute

Helping Texans make every drop count since 1952

RESTORING & PROTECTING

Our Water Quality Improvement Program works to restore many of the more than 400 impaired water bodies in Texas, while also proactively protecting unimpaired watersheds. Partnering with other water resource professionals, we work with stakeholders to identify, develop and implement effective management strategies to address local water quality concerns.

SUSTAINING & ENHANCING

Our Water Sustainability Program centers on increasing the value and the smart use of municipal, industrial and agricultural water supplies to meet the increasing demand from Texas' growing population. Collaborating with researchers and extension professionals throughout the state and nation, we use science-based solutions to improve both agricultural and urban water-use efficiency.

ENGAGING & EDUCATING

Our Water Resources Outreach and Training Program targets interested citizens, students and water professionals to enhance their understanding of critical water issues. Our public programs convey best management practices essential to managing and conserving water. Our professional courses transfer new science and technology from universities to professionals.

Today's complex water issues require strategic and innovative solutions. Sustained and secure water resources are vital for economic growth, ecological sustainability, public health and food production. At the Texas Water Resources Institute (TWRI), we have helped solve priority water issues through research, education and outreach for more than 65 years.

We provide science-based, community-supported solutions for the state's pressing water quantity and quality challenges through internal expertise and external collaborations. We offer project development and management, stakeholder engagement, water quality monitoring, watershed and aquifer assessment and planning, bacterial source tracking, professional training and education and outreach. We connect research teams and communities to multidisciplinary expertise by serving as a gateway to a national network of water institutes, the Texas A&M University System and other universities and water resources organizations.

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THE WATER INSTITUTE FOR TEXAS

Established in 1952, TWRI was designated as the state's official water resources institute in 1964 by the Texas Legislature and Texas Governor as a result of the Water Resources Research Act. Today, we are one of 54 institutes in the National Institutes for Water Resources, supported by the U.S. Geological Survey.

TEXAS A&M AGRILIFE

We are a unit of Texas A&M AgriLife Research, the Texas A&M AgriLife Extension Service and the College of Agriculture and Life Sciences at Texas A&M University. TWRI also collaborates with all Texas A&M System units engaged in water resources research and outreach, maintaining strong collaborations with the Texas A&M College of Engineering, the Water Management and Hydrological Science Program in the College of Geosciences, and the Institute for Science, Technology and Public Policy in the Bush School of Government and Public Service.

NEXT GENERATION OF RESEARCHERS

We are committed to training the next generation of water resources scientists and engineers. Our student scholarships support graduate students conducting water resources-related research that addresses key water issues in Texas. We support students through funds from the U.S. Geological Survey, the Mills Endowment, the National Institutes for Water Resources and funded projects.



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CONTACT

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The Texas Water Resources Institute fosters and communicates research and educational outreach programs focused on water resources science and management issues in Texas and beyond.

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