Texas Water Resources Institute

Making every drop count since 1952

MISSION

TWRI provides science-based, community-supported solutions for the state's pressing water quantity and quality challenges through internal expertise and external collaborations.

TWRI BY THE NUMBERS: 2024

$18.5+ million
Ongoing external projects managed

80 Ongoing external projects managed

27 Full-time, **1** part-time TWRI staff, researchers

18 Part-time students

10 Peer-reviewed journal articles published

17,193 Contact hours TWRI staff spent educating professionals and the public at **95** events

100+ Collaborators on TWRI projects

16,275 Total newsletter and magazine subscribers

107 Media mentions

11,067 Total social media followers

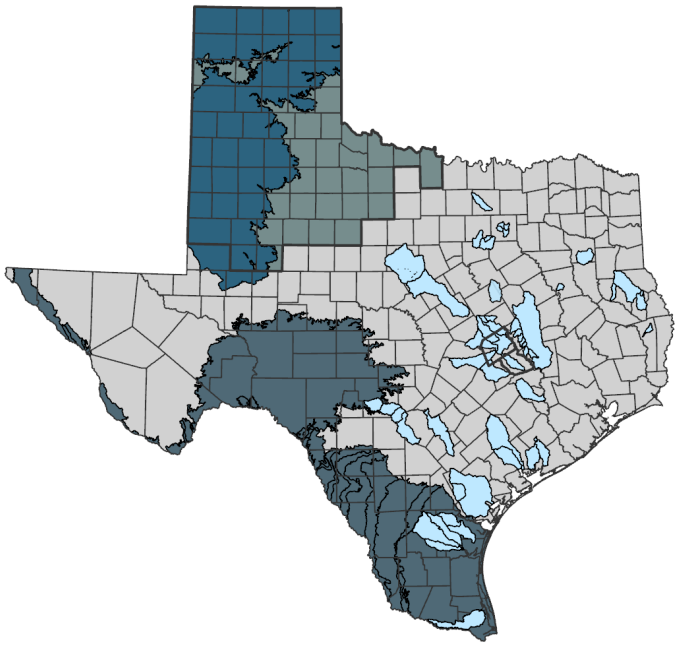
2,635 Total contact hours at **17** TWRI-hosted trainings, with **432** attendees

356 Students supported by TWRI since 2001 with **$1.27 million**

WHO WE ARE

- Established in 1952 at Texas A&M University, TWRI was designated as the state's official water resources institute in 1964 by the Texas Legislature and Texas Governor, after Congress passed the Water Resources Research Act of 1964.
- We are one of 54 institutes supported by the U.S. Geological Survey section 104(b) grant.
- TWRI is a unit of Texas A&M AgriLife Research that brings together expertise from across the Texas A&M University System.

WHERE WE WORK



Texas A&M AgriLife

Texas Water Resources Institute
1001 Holleman Dr. E. | College Station, TX 77840
twri.tamu.edu | (979) 314-2824 | twri@tamu.edu | @TxWRI

Texas Water Resources Institute
make every drop count

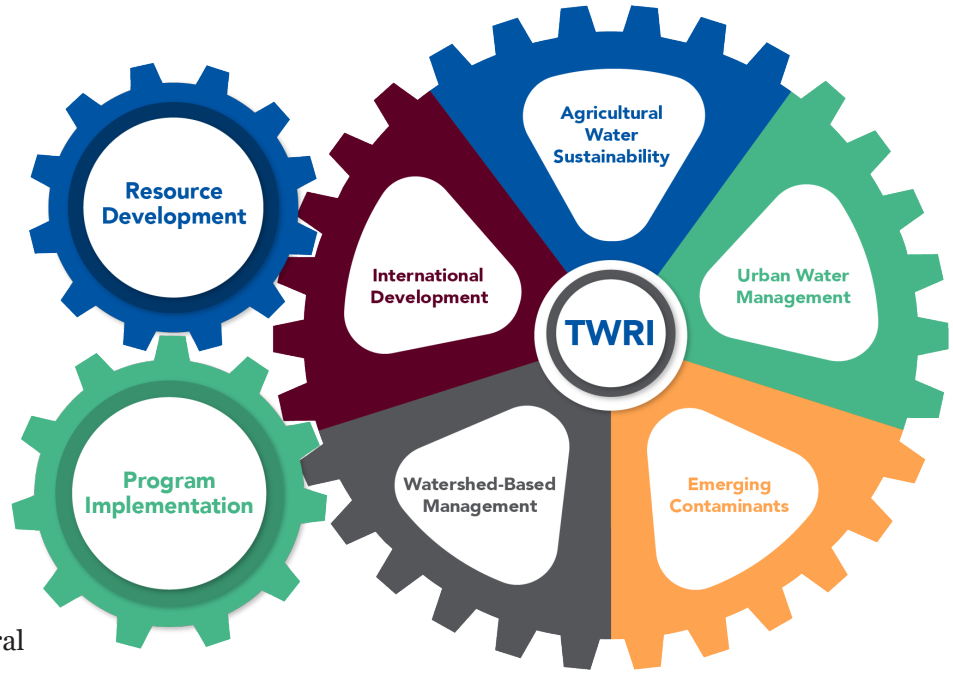
HOW WE WORK

TWRI is establishing Thematic Labs focused on critical areas of water resources, including established and emerging issues. Thematic Lab Leads will be top experts in the field, and they will secure funding, advance scientific knowledge, foster research and outreach collaborations, and connect diverse disciplines to maximize societal impact. TWRI's Core Functions provide the labs needed research support and project infrastructure.

CORE FUNCTIONS

- **Resource Development**
  - External relationships
  - TAMUS relationships
  - Funding identification
  - Grant writing support
  - Pre-award management
- **Program Implementation**
  - Post-award administration
  - Project management
  - Research and outreach support
  - Communications and publications
  - Event coordination

TWRI Core Functions and Thematic Labs



THEMATIC LABS

- **Agricultural Water Sustainability** will develop strategies that help producers preserve existing water resources,ensuring long-term agricultural viability and sustainability.
  - Manage salinity.
  - Evaluate alternative water sources and impacts.
  - Develop and assess innovative conservation techniques.
- **Urban Water Management** currently focuses on minimizing the impact of urbanization on water resources and extending current supplies for future municipal use.
  - Mitigate the impacts of flooding.
  - Promote the efficient use of existing water.
- **Emerging Contaminants** will advance scientific understanding of these contaminants in water and leverage interdisciplinary research approaches.
  - Develop innovative detection methods.
  - Evaluate the effectiveness of treatment technologies.
  - Explore fate and transport of contaminants.
- **Watershed-based Management** focuses on protecting and restoring water resources at the watershed scale to ensure the long-term health of water resources for all stakeholders.
  - Integrate research.
  - Conduct strategic monitoring.
  - Collaborate with stakeholders.
  - Provide education and outreach.
- **International Development** will build global partnerships and grow TWRI as an international water research and education institution.
  - Engage with other national and international water institutions.
  - Promote cross-border collaboration and data exchange.
  - Enhance effective water management strategies.

TWRI publishes *txH$_2$O* magazine, *TWRI News* monthly newsletter, a water resources training newsletter and more. Subscribe at **twri.tamu.edu/subscribe**.

Scan code to **SUBSCRIBE**