The more Texans know about their water resources, the more likely they are to participate in water conservation and protection. Additionally, water professionals must understand emerging water resource management tools to address critical water issues.

The Texas Water Resources Institute (TWRI) meets these educational needs. Our Water Resources Outreach and Training Program targets interested citizens, students and water professionals because understanding water issues today is critical.

Our Extension programs convey best management practices essential to managing and conserving water. Along with Texas A&M AgriLife Research, the Texas A&M AgriLife Extension Service, state and federal agencies and various universities, we conduct training programs in watershed protection planning, riparian and stream restoration, and water well protection and maintenance to local stakeholders. We also raise awareness about water resources and the importance of practicing good water stewardship through our publications, social media channels and websites.

Our professional courses transfer new science and technology from universities to water resource professionals. We administer courses that offer intensive hands-on instruction on the latest technologies, computer modeling and water management strategies.
EDUCATING PROFESSIONALS, CITIZENS

Our Natural Resources Training Program offers water and natural resource professionals and citizens training on varied subjects such as natural resource management tools, innovative technologies, geographic information systems (GIS) and computer models.

A popular course with watershed coordinators and other water professionals is the Texas Watershed Planning program. Through a coordinated effort with other universities and state and federal agencies, TWRI led the development of the program. The cornerstone of this training program — the Texas Watershed Planning Short Course — trains attendees in sustainable, proactive approaches to managing water quality throughout the state.

For interested landowners and other citizens, our Texas Riparian and Stream Ecosystem Education Program delivers educational workshops about the function of riparian zones and vegetation, local technical resources and best management practices.

NEXT GENERATION OF RESEARCHERS

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

TWRI COMMUNICATIONS

Through our various traditional and social media communications channels, TWRI Communications conveys critical water resource information to interested audiences, ranging from stakeholders to university research and Extension faculty to local, state and federal agency personnel.

Outlets include txH₂O magazine, Conservation Matters email newsletter, peer-reviewed Texas Water Journal, websites, brochures and social media.