



# The Texas Natural Resources Information System

The Texas Natural Resources Information System (TNRIS) is the state's clearinghouse and referral center for statewide geographic data including: digital orthoimagery, digital elevation data, historical aerial photography, and emergency management data for Texas. Housed within the Texas Water Development Board (TWDB), TNRIS works collaboratively with all levels of Texas governmental agencies to acquire, maintain, and distribute comprehensive geographic data to the public and private sectors.

The Deputy Executive Administrator of TNRIS also serves as the Geographic Information Officer (GIO) for Texas.

TNRIS consists of the following activity areas:

## Texas Strategic Mapping Program (StratMap)

TNRIS coordinates statewide cost-share projects to produce large-scale, standardized digital base map information that includes aerial imagery, elevation (lidar), hydrography, land parcels, and address points. The program produces standardized geographic data for use by state agencies and the public. These data are developed and maintained according to national and international standards for geographic content.

The Texas StratMap Program promotes shared data and produces all data for use in the public domain. Common uses of the data include hydrologic modeling, vegetation analysis, transportation routing, emergency management and communications, land use planning and management, environmental assessment and monitoring, human and animal health disease analysis, crime analysis, homeland security evaluations, economic development assessment and planning, and business applications.

## StratMap Contracts

StratMap contracts provide the state with a set of pre-qualified commercial providers who supply digital geographic data, services, and software. The contracts are available to state agencies and any other governmental entity in Texas. The StratMap contracting mechanism has streamlined traditional state purchasing by utilizing a pre-qualified list of vendors. The contracts require state agency coordination through the StratMap Program for large-scale data purchases. This results in the combining of funds for volume purchasing and avoids duplication.

## Research and Distribution Center (RDC)

TNRIS provides direct access to the extensive map and data archive and assists agencies and the public.

Frequently requested data include U.S. Geological Survey maps in both paper and digital form, digital elevation data, historical and current aerial photographs, county grid maps, national wetlands inventory maps, county soil surveys, geologic atlases, census maps, and a variety of TWDB water publications. The RDC provides "ready reference" assistance to the public in locating data or information provided through other agencies. The RDC also helps customers access data and gives training to anyone interested in using data available from TNRIS for work or research.

## Information Services

TNRIS provides data services, customer support, and web-based geographic information tools for state and federal agencies and the public. Highly trained staff organize and disseminate digital data products through network access, web services, and internet mapping tools.

## Texas/Mexico Borderlands Information Center

TNRIS helps in locating data and information focused on 60 miles on either side of the Texas-Mexico border. Products currently available for Texas include maps, aerial photographs, weather and water data, census data, and geographic information system files. Mexico data include topographic, geologic, soil, and other maps. TNRIS can acquire data for Texas and Mexico, in addition to providing contacts with Mexican data providers.

For more information, please contact:

Texas Natural Resources Information System  
(512) 463-8337

<https://tnris.org/contact/>