



efficient irrigation for water conservation in the **Rio Grande Basin**



agriculture



- replacing inefficient irrigation methods



- improving irrigation infrastructure and management



- using the most effective irrigation systems



- using GIS data and satellite imagery to manage and model surface and groundwater



This Texas/New Mexico initiative focuses on research-based strategies to promote water conservation by



- increasing irrigation efficiency to economically produce field and horticultural crops and maintain attractive urban landscapes
- creating new water supplies through wastewater reuse and reclaimed saline water resources

a federal/state partnership:

The Texas A&M University System

- Texas Agricultural Experiment Station
- Texas Cooperative Extension
- Texas Water Resources Institute



New Mexico State University

- College of Agriculture and Home Economics
- Water Task Force



environment



- controlling aquatic weeds conserves water and protects water quality



- restoring and protecting riparian areas and habitats

cities

- reusing wastewater for golf courses and commercial areas



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- conserving water in urban areas and landscapes



- improving in-home water usage



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