

Texas Water Development Board Innovative Water Technologies Programs

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Texas Water Development Board

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Water Planning

 Orderly development, management and conservation of the state's water resources

Financial Assistance

- Loans for a variety of water projects and groundwater district creation expenses
- Grants and loans for water and wastewater needs in economically distressed areas
- Funds and grants for agricultural water conservation and water-related research
- Water resource data collection and research

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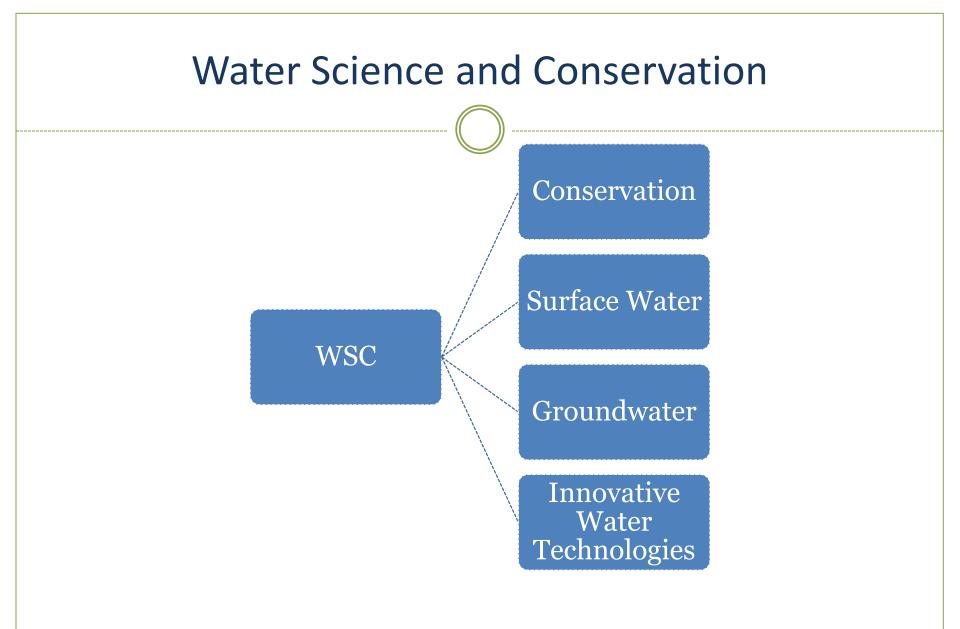
responsible development of water for Texas

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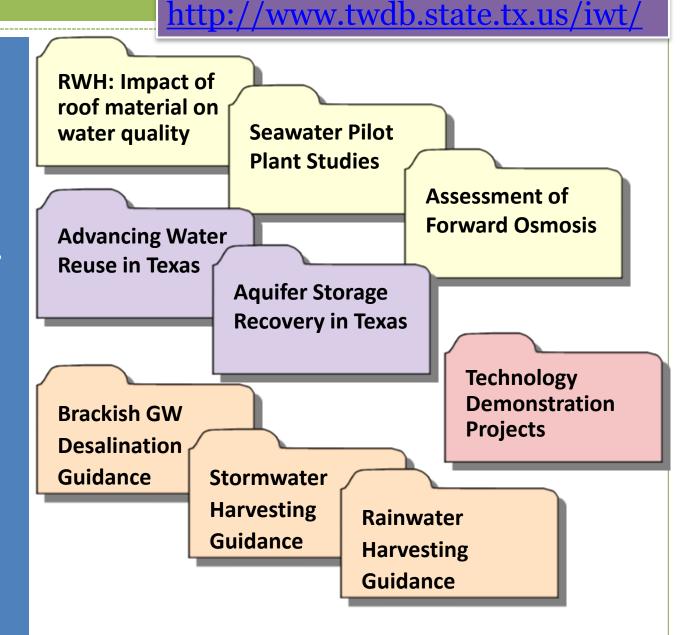
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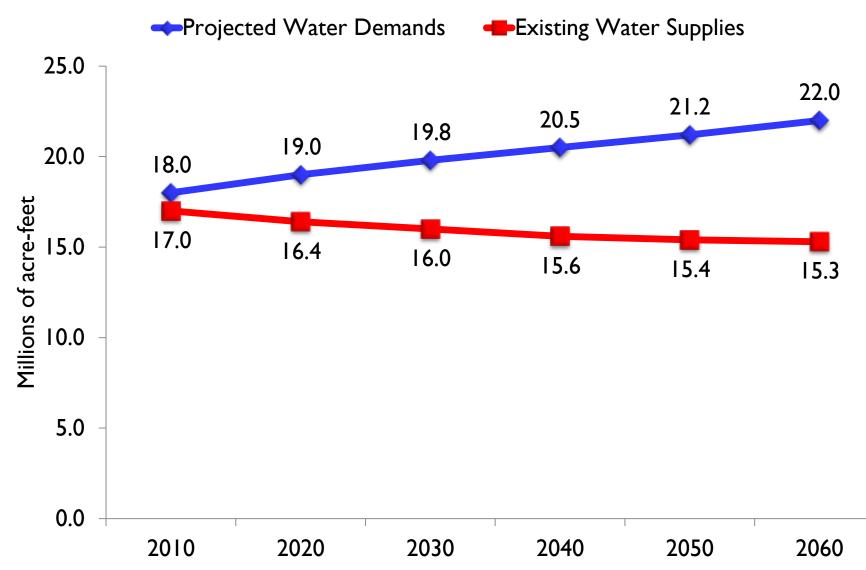


Innovative Water Technologies

To research, develop, and disseminate information to advance the development of innovative water management strategies in Texas

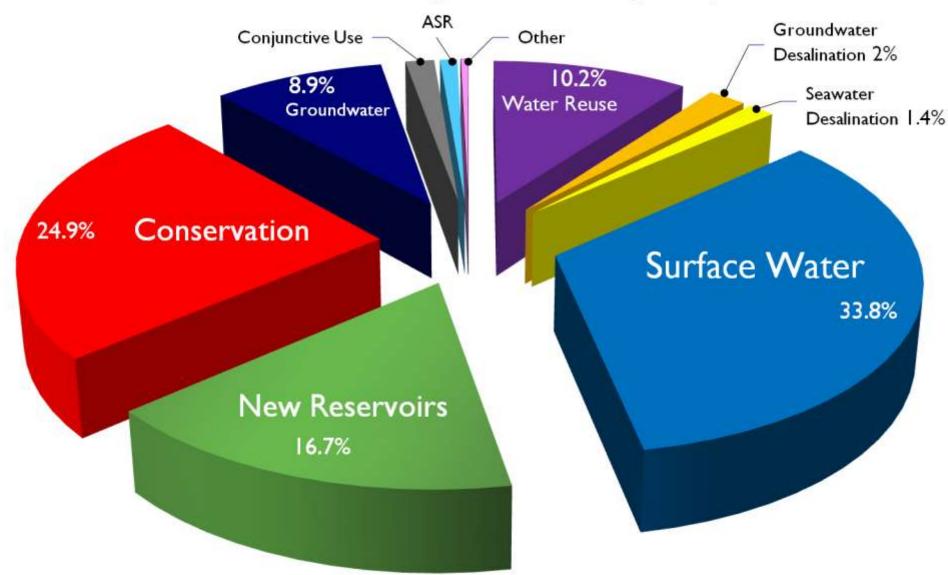


Projected Water Demands and Existing Supplies

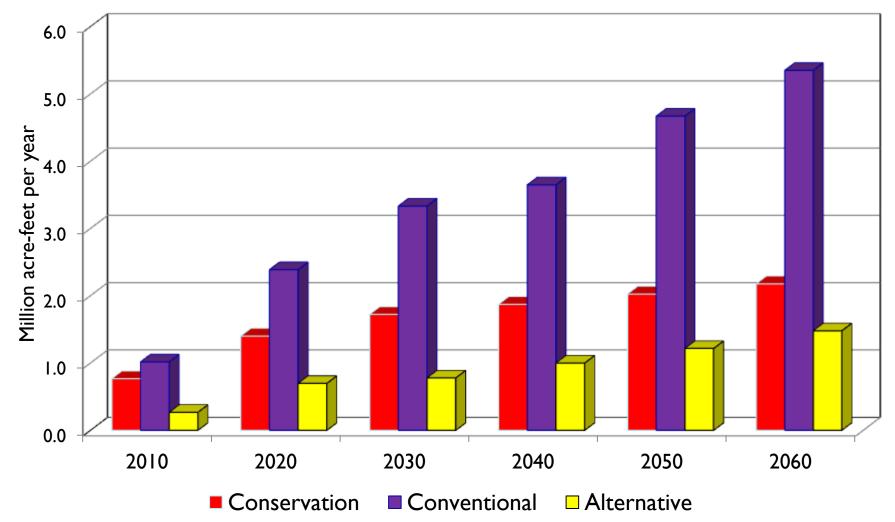


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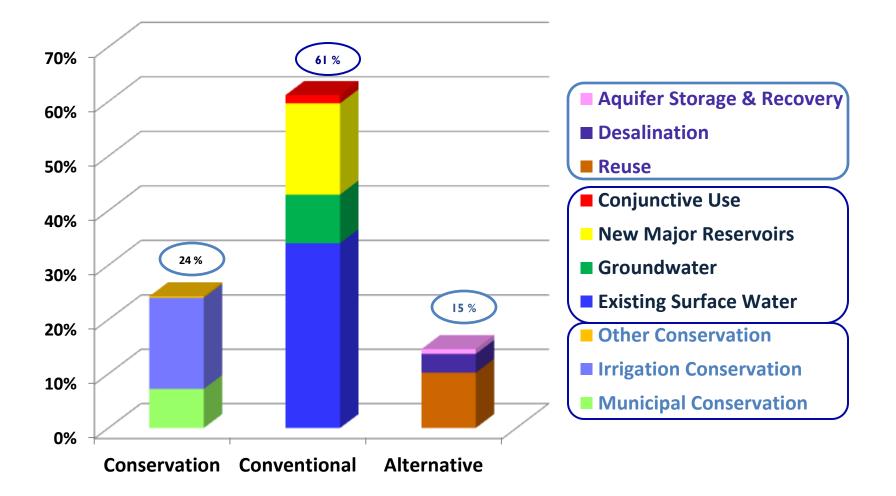
Cumulative Water Management Strategies by 2060



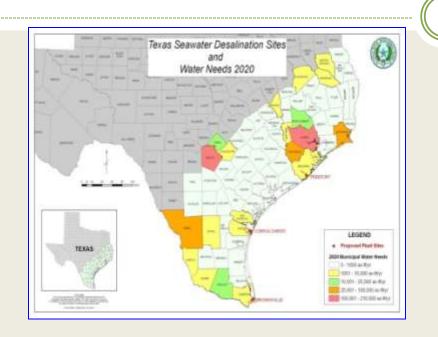
Recommended water management strategies in the 2011 Regional Water Plans



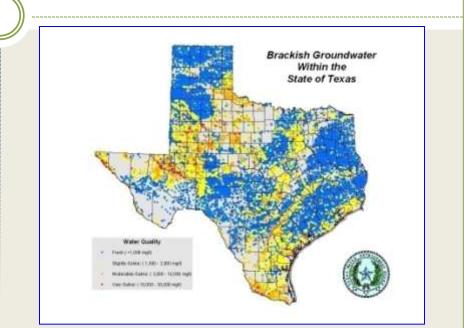
Total water management strategies to be developed over the next 50 years



Ocean and Brackish Groundwater Sources



- 367 miles of coastline
- Availability of sites
- Proximity to demand centers

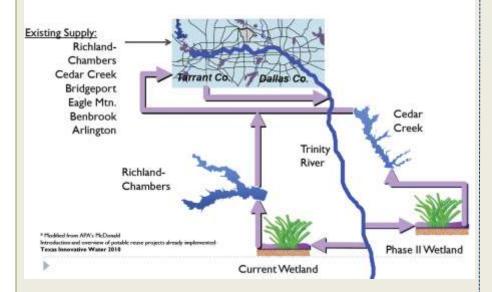


 Texas has an estimated 2.7 billion acre-feet of brackish groundwater

Water reuse

Effective Regional Partnerships

Example: Tarrant Regional Water District Wetland Reuse Project*





Stumbling blocks or building blocks

- I. Value of water
- 2. Supply reliability
- 3. Risk of "the new"
- 4. Research, education and outreach
- 5. From plan to WATER







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