

TWDB INNOVATIVE WATER TECHNOLOGIES PROGRAMS

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This presentation provides a brief overview of the 2017 State Water Plan prepared by the Texas Water Development Board (TWDB), particularly as it pertains to Innovative Water Technologies programs.

The TWDB mission is to “provide leadership, information, education, and support for planning, financial assistance, and outreach for the conservation and responsible development of water for Texas.”

Every five years, the TWDB releases the state water plan to guide water policy and to address the many water needs around the state based on information provided by 16 regional water planning areas. The 2017 State Water Plan is the most recent and includes strategies with which to manage water resources under drought of record conditions for each decade between 2020 and 2070. 17.5% of recommended water management strategies for 2070 are derived from sources considered non-traditional.

The Innovative Water Technologies group advances the use of nontraditional water supplies by participating in research, producing publications and educational material, and disseminating information to the public. The five programs within IWT are desalination, aquifer storage and recovery, rainwater and storm water harvesting, direct and indirect water reuse, and the Brackish Resources Aquifer Characterization System (BRACS). This presentation provides a summary of each program area within IWT.