## Dr. Barney Austin, PE

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Barney Austin has 23 years of experience in hydrology, hydraulics and water resources planning. He grew up in Canada, where he learned to speak French, and obtained his BSc in Agricultural Engineering at McGill University in Canada in 1989. He earned his PhD in Civil Engineering (Water Resources) at Salford University in England, in 1995. Prior to moving to the United States in 1999 he worked in England on international projects for the Institute of Hydrology and then for Générale des Eaux (subsequently Vivendi, and then Veolia) as head of their "Special Projects" unit. At the Texas Water Development Board Dr. Austin served as a hydrologist and project engineer before becoming director of the Surface Water Resources Division of the TWDB in 2004. In this capacity, he was heavily involved in Texas' regional water planning process and wrote large portions of the 2007 State Water Plan. During his tenure there he participated in and supervised nine different programs, including: Bays and Estuaries, Instream Flows, Hydrographic Survey, Coastal Hydrology, Water Availability Modeling, Evaporation Monitoring, Oil Spill Response, and others. Dr. Austin is now President and Chief Executive Officer of Aqua Strategies Inc. - a company that specializes in hydrology, hydraulics, water quality and availability, and helping water providers quantify and understand the water needs of their clients. The company dedicates a lot of time working with clients helping them develop water management strategies to address short to long range water supply needs. In addition to serving as an advisor on many panels, Dr. Austin has authored or co-authored major publications on Aquifer Storage and Recovery (ASR), environmental flows, water availability, water planning and Probable Maximum Flood for spillway design. The company's clients include the Choctaw and Chickasaw Nations of Southeast Oklahoma, federal and state agencies, river authorities, as well as municipalities and private sector clients. He has a particular interest in climate change, serving as a technical advisor to the State of California on that subject and recently authoring a report on the impacts of climate change on the hydrology of the Red River Basin for the South Central Climate Science Center.