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## The Carrizo-Wilcox Aquifer: Its Characteristics and Ability to Sustainably Serve the Long-Term Needs of a Thirsty Region

*Water, essential for life, is our most precious and valuable natural resource. But water supply is limited and under increasing pressure from a growing population. How will we protect this resource and plan for a sustainable future? There is a great need for a water-literate public; decisions being made today have far reaching and long lasting effects for our children and future generations.*

The Texas Water Symposium provides perspectives from landowners, policy makers, scientists, water resource experts and regional leaders.

Join us as we explore the complex issues and challenges in providing water for Texans in this century.

Each session is free and open to the public. The hour-long program begins at 7:00 pm, followed by discussion time with Q&A. The events are recorded and aired on Texas Public Radio one week later.

Stay informed about future programs by subscribing at [www.hillcountryalliance.org](http://www.hillcountryalliance.org)

Listen to past shows online at: <http://tpr.org/people/texas-water-symposium#stream/0>

Image Courtesy of San Antonio Water System

### Thursday, February 11, 2016

Texas State University Student Center LBJ Teaching Theater in San Marcos

Doors open at 6:30

Program 7:00 – 8:30 pm

Parking in the LBJ parking garage for a nominal fee

**Moderator:** **Dr. Robert Mace**, Deputy Executive Administrator, Water Science & Conservation, Texas Water Development Board

#### Panelists:

**Bill Hutchison Ph.D., P.E., P.G.** – Former Groundwater Resources Director of the Texas Water Development Board and practicing consulting hydro-geologist

**James Bené P.G.** - Practicing hydro-geologist, principal at R.W. Harden & Associates, Inc.

**George Rice P.G.** – Practicing hydro-geologist, principal at GRGwH

**Steve Young Ph.D., P.E., P.G.** -- Practicing hydro-geologist, principal at INTERA Geosciences

The Hill Country's urban population continues to grow, and with growth comes an increase in water demand. Municipalities across the Hill Country are searching for new water sources to meet the demands of population growth.

As local surface and groundwater supplies are tapped, central Texas water providers are looking afar at the “under-utilized” Carrizo-Wilcox Aquifer. That aquifer currently serves the agricultural, municipal, and oil/gas production needs of Central Texas east of I-35, and provides water directly to the Brazos and Colorado Rivers upon which downstream communities and coastal fisheries rely.

Does the Carrizo-Wilcox Aquifer recharge at a rate sufficient to serve its current needs plus the booming population demands of the I-35 corridor, or will additional well fields deplete this important resource? Join us in a scientific discussion about the physical characteristics, current pumping levels, and the potential effects of large-scale pumping projects on the Carrizo-Wilcox Aquifer.