

From: [RegionalWaterPlanning](#)
To: [RegionalWaterPlanning](#)
Subject: FW: TWDB Hosts Statewide ASR-AR Suitability Survey Webinar
Date: Tuesday, February 9, 2021 4:03:04 PM

Dear RWPG stakeholders,

Please see the TWDB communication below regarding an upcoming webinar on the Statewide Survey of Aquifer Suitability for Aquifer Storage and Recovery (ASR) or Aquifer Recharge (AR) Projects. Apologies if you have already received this communication.

www.twdb.texas.gov



TWDB Hosts Statewide ASR-AR Suitability Survey Webinar

The Texas Water Development Board (TWDB) invites you to a webinar about the Statewide Survey of Aquifer Suitability for Aquifer Storage and Recovery (ASR) or Aquifer Recharge (AR) Projects. The webinar will be presented by Andrea Croskrey, Kristi Shaw, and Thomas Brown on **February 17 at 12 p.m. CST**.

Please [register](#) in advance. More information about the project and access to the report are available on the [project website](#).

Abstract

In 2019, the 86th Texas Legislature passed House Bill 721, directing the TWDB to conduct a statewide survey to identify the relative suitability of Texas' 31 major and minor aquifers for ASR and AR (also known as managed aquifer recharge) projects. The survey resulted in two reports (contracted and legislative) and an interactive public data display. Stakeholders such as water planners, engineers, and government officials can use these tools to explore the potential of aquifers, excess water availability, and water supply needs in their area for ASR and AR projects. Separate hydrogeological parameter screenings were completed for ASR and AR to account for the different aquifer characteristics for these water management strategies. Excess water screening scores were prepared for surface water (appropriated and unappropriated), reclaimed water, and groundwater sources. Water supply needs scores were prepared for municipal, manufacturing, and steam-electric needs identified in the 2022 Draft State Water Planning Database. The final suitability rating combined scores from all three of these screenings to provide statewide planning level information.

About the speakers



Andrea Croskrey, P.G., TWDB

Andrea was the contract manager for the Statewide ASR-AR Suitability Survey. She is a licensed professional geologist in the Innovative Water Technologies Department at the TWDB. She has been mapping brackish aquifers since 2013 and was promoted to ASR discipline lead in 2019 to establish the program and implement legislative directives.



Kristi Shaw, P.E., HDR

Kristi was the project manager for the Statewide ASR-AR Suitability Survey. She is a Senior Professional Associate and licensed professional engineer at HDR. She has worked on ASR projects in Texas, California, Nevada, and Washington, including groundwater supply projects in the U.S. and internationally. She has collaborated with the TWDB on water supply planning projects since 2002 and enjoys

developing innovative water supply strategies to sustainably and reliably meet future water needs in Texas.



Thomas Brown, HDR

Thomas supported StoryMap and GIS services for the Statewide ASR-AR Suitability Survey. He serves as the Central Region Geospatial Business Class lead at HDR. Prior to his current role, he spent five years with Esri as the local government South Central Regional Manager and eight years with the Texas Natural Resources Information System leading the Research and Distribution Center.

Best,

Sarah Backhouse
Manager, Regional Water Planning
Water Use, Projections, and Planning
Texas Water Development Board
P.O. Box 13231, Austin, TX 78711
512-936-2387 | sarah.backhouse@twdb.texas.gov
www.twdb.texas.gov