

## **“USGS Annual Groundwater Table Data” -How Are We Doing?-**

The Woodlands G.R.E.E.N. is sponsoring a Going Green Sustainability Lecture titled **“USGS Annual Groundwater Table Data: How Are We Doing?”** The lecture will be held on Thursday, November 19 at 7:00 pm via Zoom. The presentation will be by Mr. Jason Ramage of the United States Geological Survey (USGS). The Zoom link to the presentation can be found at the Woodlands G.R.E.E.N. Lecture section on the front page of the web site, [www.thewoodlandsgreen.org](http://www.thewoodlandsgreen.org).

**Topic:** The USGS has been monitoring groundwater table levels in hundreds of water wells in our region for more than 40 years, wells that are pumping water from the Chicot, Evangeline, and Jasper aquifers--sources of drinking water for much of Montgomery County. At November's Woodlands G.R.E.E.N. talk, the presentation will cover current year (2020) regional water-level altitude surfaces in the Gulf Coast Aquifer system for the Houston-Galveston region, including Montgomery County. In addition, short and long-term changes in water-levels as well as subsidence, as measured by extensometers across the region, will be covered.

**SPEAKER:** Jason Ramage is currently a Hydrologist with the USGS Oklahoma-Texas Water Science Center. He began his career as a student doing a variety of work, including constructing surface water gages, measuring discharge in streams, and making groundwater-level measurements. After transitioning to a Hydrologist role upon graduation, Jason's project work has been focused on groundwater, compaction, and subsidence in the Gulf Coast aquifer system. He has also been involved in groundwater quality sampling in production wells looking at a variety of constituents from major and minor ions, trace metals, radiochemical isotopes, age dating isotopes, and others. Jason holds a B.S. in Geology from the University of Houston.

We hope you'll join us for this informative and regionally important talk.

**HOW TO CONNECT:** Visit the Woodlands G.R.E.E.N. web site at [www.thewoodlandsgreen.org](http://www.thewoodlandsgreen.org). Click on the “Woodlands G.R.E.E.N. Lecture” link on the front page. You will be automatically connected via Zoom to the presentation.

This event is free and open to the public.