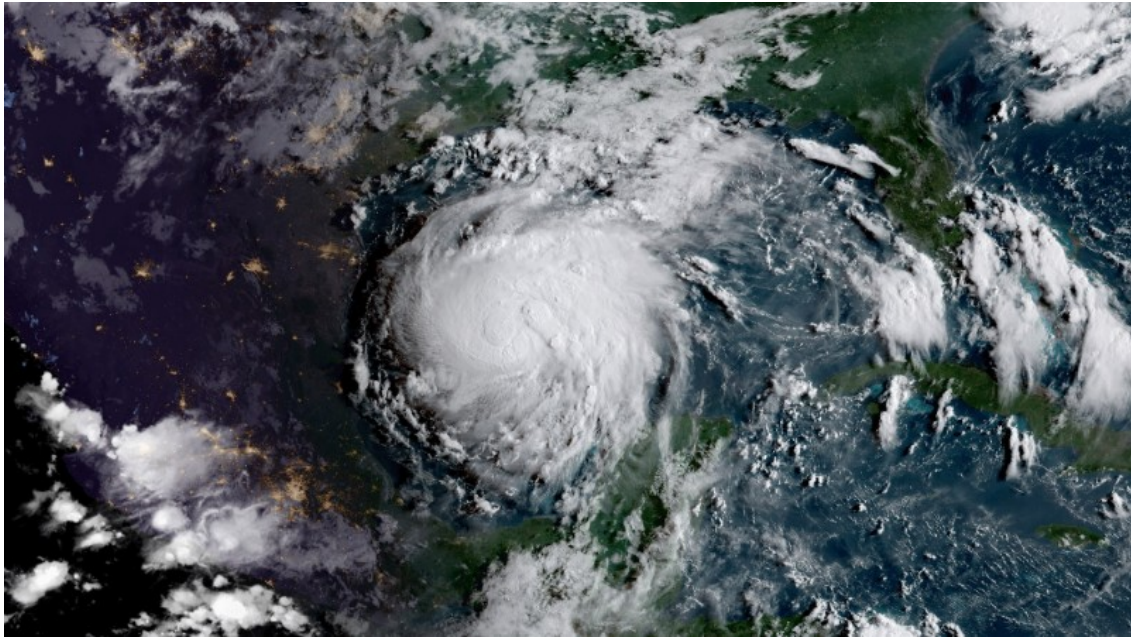


PLANET TEXAS 2050

A UT Austin Grand Challenge

Hurricane season starts today.



This past January, our team of more than 100 researchers and faculty members launched [Planet Texas 2050](#) — UT Austin's first grand challenge.

Our mission is to work together over the next eight years to discover and develop innovative, implementable solutions so that Texas is resilient in the face of rapid population growth and intensifying natural disasters.

Natural disasters like tropical storms and hurricanes.

For those of us with homes and families near the coast, the start of hurricane season can be an anxious time — especially considering that many

communities in Texas and beyond are still attempting to recover and rebuild from last year's devastating storms. Sadly, the future outlook isn't improving: Researchers from UT Austin and universities around the country project that our region will see an increase in the frequency and intensity of these storms over the next several decades.

At the same time, our state's population is expected to *double* by 2050. Imagine twice as many people in Houston trying to evacuate from the next Hurricane Harvey. If they couldn't return to their homes, where would they go? Most urban areas in Texas will likely see the same spikes in population and will be competing for the same limited resources: everything from water and electricity to affordable homes.

But while June 1st marks the beginning of hurricane season and all that comes with it, this month also ushers in an exciting time for Planet Texas 2050. We are launching six research projects and a state-of-the-art predictive modeling system developed at the Texas Advanced Computing Center that will help address our region's most imminent challenges.

[Read more.](#)



Meet a few of the researchers working on UT Austin's first grand challenge.

Please join us.

Over the coming months and years, we hope our research will help communities and decision-makers better prepare for, recover from, and mitigate the impacts of natural disasters. It's our boldest work yet. Please check our blog regularly for updates about each project and what we're learning.

NEW BLOG POST: Welcome to Planet Texas 2050

Stay Connected



Copyright © 2018 Bridging Barriers - Vice President for Research - UT Austin, All rights reserved.

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#).
