



Open Positions - Development of Texas Flood Monitoring and Modeling System

The State of Texas is advancing its flood forecasting and warning capabilities through the development of a high-resolution, Texas-focused weather monitoring and modeling system. This initiative will equip forecasters and decision makers with the most accurate, real-time information to reduce the risks posed by flash floods and other high-impact weather events statewide. The effort represents a major step toward building a state-of-the-art weather intelligence system that safeguards lives, property, and the Texas economy. This work will be based at Texas Tech University, where we are seeking three new research personnel to help lead and execute these critical objectives.

Position 2: Warn-on-Forecast System (WoFS) Development and Implementation

This position will focus on the design, implementation, and maintenance of a real-time high-resolution (1km grid spacing) WoFS in Texas (similar to the nationwide system designed at the National Oceanic and Atmospheric Administration). The Texas WoFS will be an on-demand data assimilation and forecasting aspect of a wider real-time 2-3 day ensemble weather prediction system, providing highly localized 0-6 hr forecasts of flooding and other high-impact events as they evolve. The most desirable candidates will have a Ph.D. in Atmospheric Sciences, Engineering, or Computer Sciences, will have experience running convection-allowing numerical weather prediction models on high-performance computing platforms, and will work well within a team environment.

Position 42630BR - Apply at <https://tinyurl.com/3my6jzkj>



(806)742-3476



www.depts.ttu.edu/nwi/



nwi@ttu.edu