



NExUS Ongoing Projects and Activities Thu Feb 21 21:36:50 EST 2019

Name	Drought Sensitivity Testing
Description	The State Climate Office of North Carolina is partnering with CISA to test the sensitivity of the DDIT with a variety of new data sets. These include high-resolution data sets not currently used, long-lead forecast information, and radar-based precipitation estimates. Activities include: providing access to surface and ground water data sets to enhance the spatial resolution and range of the DDIT's drought indicators, developing methods to operationalize the DDIT's use of long-lead forecast data, and using research on radar-based SPI estimates to evaluate the methods and if appropriate make radar-based SPI available for the DDIT.
Category	- Research
Sector	- Public Health and Safety - Infrastructure - Natural Ecosystems
Focus Area	- Climate Impacts on Water Resources
Region	- Regional Or State -- South East
Status	- Ongoing
Lead Agencies	NOAA Carolinas Integrated Sciences and Assessments (CISA)
Contacts	Ryan Boyles, Director and State Climatologist, North Carolina State Climate Office, rdboyles@ncsu.edu