



NExUS Ongoing Projects and Activities Mon Feb 18 14:05:11 EST 2019

Name	Integrating Regional Downscaling and Hydrologic Models
Description	Stakeholders have expressed interest in the development of climate scenarios for water planning. To this end, CISA (Carolinas Integrated Sciences and Assessments) is using dynamical and statistical downscaling to assess the regional impacts of climate variability and change in the southeast. We are exploring the effects climate-related changes may have on water quality, particularly on dissolved oxygen. Our downscaling efforts center around two data sets: regional climate model (RCM) output from the North American Regional Climate Change Assessment Program (NARCCAP) and statistically downscaled data from the Department of Interior/United States Geological Survey (DOI/USGS).
Category	- Climate-change Specific Projects
Sector	- Public Health and Safety - Infrastructure
Focus Area	- Climate Impacts on Water Resources
Region	- Regional Or State -- South East
Status	- Ongoing
Lead Agencies	NOAA Carolinas Integrated Sciences and Assessments (CISA)/US Geological Survey South Carolina Water Science Center
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