



NExUS Ongoing Projects and Activities Mon Oct 15 23:39:14 EDT 2018

<b>Name</b>	Assessing the Impacts of Climate Variability on Water Quality Conditions and Vibrio in North Carolina and South Carolina Estuaries
<b>Description</b>	This project integrates the investigators' work on watersheds, coastal adaptation, and drought and will investigate human health threats posed by the marine bacterium Vibrio in shellfish. The spread of Vibrio is believed to be associated with changing temperature and salinity conditions. Models in North and South Carolina will be developed to monitor and assess the potential for increased exposure to Vibrio bacterial hazards in the southeastern U.S. coastal water under changing salinity trends. Potential human health impacts make this work of value to both North and South Carolina Shellfish programs.
<b>Category</b>	- Climate-change Specific Projects - Monitoring
<b>Sector</b>	- Public Health and Safety
<b>Focus Area</b>	- Sustainability of Marine Ecosystems - Coasts and Climate Resilience (including sea-level rise)
<b>Region</b>	- Regional Or State -- South East
<b>Status</b>	- Ongoing
<b>Lead Agencies</b>	NOAA Carolinas Integrated Sciences and Assessments (CISA)
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