



Climate Change

“This groundbreaking study

is not only critical to the long-term sustainability of North Carolina’s coastal communities but will also serve as a model approach for other coastal states.”

John K. Dorman

*Director, North Carolina Floodplain
Mapping Program*

Sea Level Rise Risk Management Study



A photograph of an airport tarmac with several FedEx Express aircraft parked. In the foreground, there is a wetland area with tall grasses and a small pond. The sky is blue with scattered white clouds.

As trusted advisors, our climate change team looks beyond standard requirements to anticipate our clients' long-term challenges and deliver practical, cost-effective solutions.

Our innovative approaches assess the effects of climate change on water resources, coastal wetlands, and critical infrastructure. We can provide services for assessing sea level rise scenarios, extreme meteorological events, and climate variability, including identification of potential impacts, risk assessment, and risk

management strategies. Services also include technical oversight, project management, and agency training. We have developed a study-decision framework to tailor studies to available data and other resources. Our goal is to produce precedent-setting templates that provide clients with long-term strategies to reduce vulnerability.



We recognize that climate change amplifies existing hazards and creates new hazards that demand new planning approaches.

Our dedicated climate change staff includes expert scientists and engineers who have established an extensive knowledge base—allowing us to stay current with scientific developments and emerging technologies—and provide innovative solutions to our clients.



Dewberry® Services

- Adaptation planning
- Coastal analysis
- Downscaling global circulation models
- Extreme weather event analysis
- GIS analysis
- Hydrology and hydraulics
- Hazard mitigation planning
- Program development and management
- Funding analysis
- Risk and vulnerability assessment
- Sea level rise analysis
- Short- and long-term water resources planning

Dewberry is a leading, market-facing firm with a proven history of providing professional services to a wide variety of public- and private-sector clients. Recognized for combining unsurpassed commitment to client service with deep subject matter expertise, Dewberry is dedicated to solving clients' most complex challenges and transforming their communities. Established in 1956, Dewberry is headquartered in Fairfax, Virginia, with more than 40 locations and 2,000 professionals nationwide. To learn more, visit www.dewberry.com.



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