



NExUS Ongoing Projects and Activities Thu Jul 19 19:08:36 EDT 2018

Name	A Handbook for Resource Managers to Understand and Utilize Sea-Level Rise and Coastal Wetland Models for Ecosystem Management under Future Conditions
Description	Various sea-level rise and coastal wetland models of different designs and scales have been developed for predicting habitat and environmental change, but have not yet been synthesized to inform natural resource managers of each model's utility and limitations. Some models are accessible as online tools while others require more expert capacity to run for any given park, refuge, reserve, or regional application. This project aims to construct a handbook from training and feedback sessions with U.S. Fish and Wildlife Service (FWS) resource staff and other coastal managers (e.g. National Oceanic and Atmospheric Administration, U.S. National Park Service) across the pan-Gulf and South Atlantic states of the southeastern U.S. This handbook will contain published decision-support tools and simulation models for sea-level rise and climate change assessments to assist land and resource managers in making important decisions related to climate change.
Category	- Climate-change Specific Projects
Sector	- Natural Ecosystems
Focus Area	- Coasts and Climate Resilience (including sea-level rise)
Status	- Ongoing
Lead Agencies	U.S. Geological Survey
Contacts	Thomas W. Doyle, U.S. Geological Survey National Wetlands Research Center, doylet@usgs.gov