

Here's a sampling of what the South Central CSC consortium has been up to this month and a sneak peek of what's to come in July.

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SOUTH CENTRAL CLIMATE SCIENCE CENTER

Working collaboratively to develop science that addresses climate impacts on natural and human communities.

June 2017 Newsletter

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Photo Courtesy USFWS

Feature Story: Taking Wetland Science on a Road Trip

Putting science on the ground sometimes means hitting the road. In early June, USGS Ecologist Sinead Borchet and her colleagues piled their trucks with easels, posters and snacks and set off on a tour of the Gulf Coast. Their mission? To give resource managers a glimpse into a future where tidal saline wetlands, and the services they provide, are on the move. [Read More](#)

Research Highlight

Modeling the Effects of Climate and Land Use Change on Crucial Wildlife Habitat

Planning for conservation in an uncertain climate future requires tools that allow managers to visualize the impacts of climate change on individual species. In a recently completed project funded by the South Central CSC, researchers at New Mexico State University, the New Mexico Cooperative Fish and Wildlife Research Unit, and NOAA's Geophysical Fluid Dynamics Laboratory addressed this need by [comparing what is known about the climate needs of 20 key species with future climate projections](#). The resulting maps and data are in the process of being integrated into the publicly available [New Mexico CHAT \(Critical Habitat Assessment Tool\)](#).



[Learn More](#)

Opportunities and Resources

Early Career Researcher Publications Page

From Alaska to the Everglades, young researchers affiliated with the CSC network are making important contributions to our understanding of how climate, ecosystems, and communities interact. You can find their work on the [Early Career Climate Forum's](#) new [Publications page](#).

If you are a student or post-doc affiliated with one of the regional CSCs and would like to have your publications featured on this page, contact info@eccforum.org.

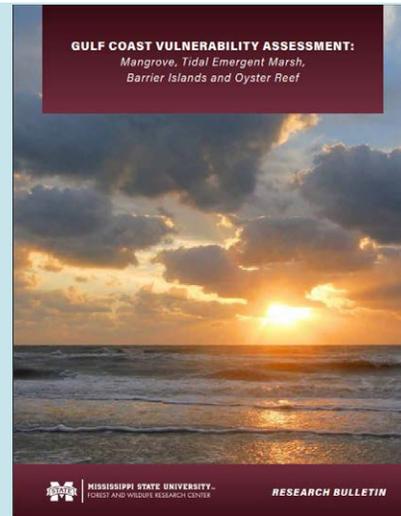


Gulf Coast Vulnerability Assessment Publication Now Available

The [Gulf Coast Vulnerability Assessment](#) (GCVA) brings together the expert opinions of more than 50 managers, scientists, administrators, and others

across the Gulf of Mexico. Together, these insights paint a picture of how four major ecosystems (mangrove, oyster reef, tidal emergent marsh, and barrier islands) and a suite of wildlife species that depend on them are vulnerable to environmental changes. Results from the GCVA can be used to inform Gulf-wide adaptation plans.

This effort was supported by the four [Landscape Conservation Cooperatives](#) along the Gulf and the [Gulf of Mexico Alliance](#).



Staff and Student Highlights

Undergraduate Researcher Studies Heat Waves of the Future at the South Central CSC

We're excited to host Melanie Schroers in our office this summer through the National Weather Center's [Research Experience for Undergraduates \(REU\)](#) program! Melanie is an incoming senior physics major at Texas A&M University with a strong interest in climate science. She'll spend the summer working with CSC researchers, using new regional climate projections to assess how the frequency of heat waves may change in the future across the south-central U.S.



Partners' Corner

USDA-ARS Grazinglands Research Lab to Host Field Day July 13

Our friends at the USDA ARS Grazinglands Research Lab in El Reno, OK are having an open house on July 13th from 9-3, and you're invited! Lunch is provided.

Register here to learn more about agricultural innovation in a changing climate: <http://grlfortreno.org/>