Geoscience in Your State: South Carolina

By the numbers: South Carolina

- 3,054 geoscience employees (excludes self-employed)1
- 365 million gallons/day: total groundwater withdrawal3

- $784 million: value of nonfuel mineral production in 20174
- 28 total disaster declarations, including 11 hurricane, 5 severe ice storm, and 4 fire disasters (1953-2017)?
- $19.2 million: NSF GEO grants awarded in 2017...

Read more in this Geoscience in Your State Factsheet...

Agencies Working on Geoscience Issues in South Carolina

South Carolina Department of Natural Resources
http://www.dnr.sc.gov/
The SCDNR is to be a trusted and respected leader in natural resources protection and management, by consistently making wise and balanced decisions for the benefit of the state's natural resources and its people.

South Carolina Emergency Management Division
https://www.scemd.org/
SCEMD's mission is to develop, coordinate, and lead the state emergency management program, enabling effective preparation for, response to and recovery from emergencies and disasters in order to save lives, reduce human suffering and minimize property loss.

South Carolina Geological Survey
http://www.dnr.sc.gov/geology/index.htm
The mission of the Geological Survey of South Carolina is to provide reliable, unbiased scientific information to public and private decision-makers involved with land-use planning, environment, and economic development.

South Carolina State Climatology Office
http://www.dnr.sc.gov/climate/sco/index.php
The South Carolina State Climatology Office strives to acquire, archive, process, and disseminate, in the most cost-effective way possible, all climate and weather information that is or could be of value to public officials, corporations, and private citizens in the state.

Maps & Visualizations

Interactive map of offshore sand and gravel resources of the United States
Bureau of Ocean Energy Management

The Bureau of Ocean Energy Management's Marine Minerals Information System (MMIS) provides an interactive map with information on offshore sand and gravel resources for 18 states on the Atlantic and Gulf coasts of the United States. The system includes: Sand and gravel resources Marine...

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Case Studies & Factsheets

Dry well usage across the United States

Introduction Dry wells improve stormwater drainage and aquifer recharge by providing a fast, direct route for rainwater to drain deep into underlying sediment and rock. Dry wells are most common in the western U.S. where clay or caliche layers slow down the natural drainage of water into underlying...

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Webinars & Forums

Assessing, Mitigating, and Communicating Flood Risk

This webinar features experts from federal and state government, who will discuss recent and ongoing activities coordinated at national and local levels to assess, mitigate, and communicate flood risk.

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