Geoscience in Your State: Mississippi
By the numbers: Mississippi

- 2,820 geoscience employees (excludes self-employed)
- 2.26 billion gallons/day: total groundwater withdrawal
- $216 million: value of nonfuel mineral production in 2017
- 68 total disaster declarations, including 29 severe storm, 11 tornado, and 10 flood disasters (1953-2017)
- $1.02 million: NSF GEO grants awarded in...

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

Agencies Working on Geoscience Issues in Mississippi

Mississippi Department of Environmental Quality
https://www.mdeq.ms.gov/
The mission of the Mississippi Department of Environmental Quality is to safeguard the health, safety, and welfare of present and future generations of Mississipians by conserving and improving our environment and fostering wise economic growth through focused research and responsible regulation.

Mississippi Emergency Management Agency
https://www.msema.org/
The mission of the Mississippi Emergency Management Agency is to coordinate activities that will save lives, protect property and reduce suffering of Mississippi’s citizens and their communities impacted by disasters through a comprehensive and integrated program of disaster preparedness, response, recovery and mitigation initiatives.

Mississippi Office of Geology
https://www.mdeq.ms.gov/geology/
The Office of Geology is the component of the Department of Environmental Quality responsible for research into the surface and subsurface geology, paleontology, and mineral resources of Mississippi; regulating the permitting of mines and the reclamation of surface-mined land; and administering the Mississippi Digital Earth Model (MDEM).

Mississippi Soil & Water Conservation Commission
https://www.mswcc.ms.gov/SitePages/Home.aspx
The MSWCC guides, promotes and demonstrates the conservation, development, protection and proper utilization of the soil, water and related resources of 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
Earthquake Hazards near the New Madrid Fault Zone

Earthquakes in the New Madrid Fault Zone The New Madrid fault zone (NMFZ) is a long-established weakness in the Earth’s crust in the central and eastern US where earthquakes have occurred for hundreds of millions of years. In 1811-1812, three large earthquakes (up to magnitude 7.5) caused severe...

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Webinars & Forums

2014 Critical Issues Forum: America's Increasing Reliance on Natural Gas: Benefits and Risks of a Methane Economy
2014-11-19

The 2014 Critical Issues Forum, entitled "America’s Increasing Reliance on Natural Gas: Benefits and Risks of a Methane Economy", examined the 5- to 30-year outlook for the development of a natural gas-dominant energy sector in North America and discussed the associated benefits and risks.

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Research Database Publications

Mississippi
2000, United States Geological Survey

Search all publications  