Geoscience in Your State: Arkansas
By the numbers: Arkansas

- 1,571 geoscience employees (excludes self-employed)
- 9.59 billion gallons/day: total groundwater withdrawal
• $771 million: value of nonfuel mineral production in 20174
• 70 total disaster declarations, including 28 severe storm, 17 flood, and 15 tornado disasters (1953-2017)6
• $184,000: NSF GEO grants awarded in 201714...

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

Agencies Working on Geoscience Issues in Arkansas

Arkansas Department of Environmental Quality
https://www.adeq.state.ar.us/
The Arkansas Department of Environmental Quality (ADEQ) is the state's main environmental protection agency, charged with protecting, enhancing, and restoring the environment for Arkansans.

Arkansas Energy Office
https://www.adeq.state.ar.us/energy/
The mission of the Arkansas Energy Office is to promote energy efficiency, clean technology and sustainable strategies that encourage economic development, energy security and the environmental well-being for all citizens of Arkansas.

Arkansas Geological Survey
https://www.geology.arkansas.gov/
The mission of the Arkansas Geological Survey is to serve the people of Arkansas by providing geological information in order to develop and enable effective management of the State’s mineral, fossil fuel and water resources while protecting the environment.

Arkansas Natural Resources Commission
https://www.anrc.arkansas.gov/
The Arkansas Natural Resources Commission establishes policy and makes funding and regulatory decisions relative to soil conservation, nutrient management, water rights, dam safety and water resources planning and development.

Maps & Visualizations

Interactive database for geologic maps of the United States
U.S. Geological Survey
The U.S. Geological Survey hosts the National Geologic Map Database (NGMDB). This interactive tool serves as a national archive for high-quality, standardized geologic maps created by the U.S. Geological Survey and state geological surveys. The MapView section of the NGMDB displays geologic maps...

Search all Maps & Visualizations

Case Studies & Factsheets
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...

State Responses to Induced Earthquakes
This webinar features experts from state government in Oklahoma, Texas, and Ohio, who will discuss the range of state-level actions and approaches taken by these three oil- and gas-rich states to monitor and reduce the occurrence of induced earthquakes.