Geoscience in Your State: Kansas
By the numbers: Kansas

- 3,380 geoscience employees (excludes self-employed)
- 2.84 billion gallons/day: total groundwater withdrawal
$598 million: value of nonfuel mineral production in 2017
60 total disaster declarations, including 33 severe storm, 13 flood, and 4 fire disasters (1953-2017)
$1.99 million: NSF GEO grants awarded in 2017...

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

Agencies Working on Geoscience Issues in Kansas

**Kansas Corporation Commission - Conservation Division**
https://kcc.ks.gov/oil-gas
The KCC's Conservation Division regulates oil and natural gas production in the state. Its mission is to protect correlative rights and environmental resources with effective regulatory oversight of oil and natural gas exploration and production activities, and intrastate gas storage.

**Kansas Department of Health and Environment**
https://www.kdhe.ks.gov/
The mission of the Kansas Department of Health and Environment is to protect and improve the health and environment of all Kansans. The Department consists of three divisions: Environment, Health Care Finance, and Public Health. The Division of Environment has the following six bureaus that work toward Kansans living in safe and sustainable environments: Air, Environmental Field Services, Environmental Remediation, Health and Environmental Laboratories, Waste Management and Water.

**Kansas Division of Emergency Management**
http://www.kansastag.gov/kdem_default.asp
The Division of Emergency Management is the arm of the Adjutant General's Department that provides mitigation advocacy, planning requirements and guidance, response coordination, and administration of recovery programs for the civil sector of the State, regardless of the type of hazards.

**Kansas Energy Office**
https://kcc.ks.gov/kansas-energy-office
The Kansas Energy Office, a division of the Kansas Corporation Commission, administers programs and connects Kansans to objective information about conservation, efficiency, and alternative energy. Funding is provided by the federal State Energy Program.

**Kansas Geological Survey**
http://www.kgs.ku.edu/
The Kansas Geological Survey (KGS), a research and service division of the University of Kansas, is charged by statute with studying and providing information on the state's geologic resources.

**Kansas Water Office**
https://kwo.ks.gov/
The Kansas Water Office is the water planning, policy, coordination and marketing agency for the state. The primary statutory function of the agency is the development and implementation of the Kansas Water Plan. State law requires the Kansas Water Office to "Formulate on a continuing basis a comprehensive State Water Plan for the management, conservation and development of the water resources of the state. KWO, in coordination with the Kansas Water Authority, also reviews all water laws and makes recommendations to the Governor and Legislature for needed legislation to ensure water policies and programs address the needs of all Kansans.

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...

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Case Studies & Factsheets

Roadway deicing in the United States

Background In areas prone to winter precipitation, transportation infrastructure must be able to quickly respond to snow and ice on roadways. Ice removal is a vital service in these communities. Deicing chemicals melt ice by lowering the temperature at which it melts. They can also prevent new ice...

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Webinars & Forums


The 2016 Critical Issues Forum was a 1-½ day meeting covering multiple aspects of groundwater depletion in the High Plains.

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GOLI Online Courses

State Responses to Induced Earthquakes

Course Type: GOLI Online Course
View course
The surge in recent years of earthquake activity associated with some oil and gas operations, most notably in Oklahoma, has spurred a range of actions and responses from state geoscientists and regulators. States have taken measures to monitor these earthquakes and moderate the activities that...