By the numbers: **Tennessee**

- 5,302 geoscience employees (excludes self-employed)
- 430 million gallons/day: total groundwater withdrawal
$1.14 billion: value of nonfuel mineral production in 2017

68 total disaster declarations, including 31 severe storm, 17 flood, and 11 fire disasters (1953-2017)?

$2.22 million: NSF GEO grants awarded in...

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

Agencies Working on Geoscience Issues in Tennessee

**Tennessee Department of Environment and Conservation**
https://www.tn.gov/environment
The Tennessee Department of Environment and Conservation exists to enhance the quality of life for citizens of Tennessee and to be stewards of our natural environment by: protecting and improving the quality of Tennessee’s air, land, and water through a responsible regulatory system; protecting and promoting human health and safety; conserving and promoting natural, cultural and historic resources; and providing a variety of quality outdoor recreational experiences.

**Tennessee Emergency Management Agency**
https://www.tn.gov/tema.html
TEMA’s Mission is to coordinate preparedness, response, and recovery from man-made, natural, and technological hazards in a professional and efficient manner in concert with stakeholders.

**Tennessee Geological Survey**
https://www.tn.gov/environment/program-areas/tennessee-geological-survey.html
The mission of the Tennessee Geological Survey is to encourage and promote the prudent development and conservation of Tennessee’s geological, energy and mineral resources by developing and maintaining data bases, maps and technical services; providing accurate geologic hazard assessments; and disseminating geologic information through publications and educational materials.

**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
Present Day Climate Change
Climate Science 101 Climate is the average of weather conditions over several decades. Geoscientists monitor modern climate conditions (1880 A.D. to present) in part by taking direct measurements of weather data (i.e., air temperature, rainfall and snowfall, wind speed, cloudiness, and so on)...

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Webinars & Forums

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