Geoscience in Your State: Wyoming
By the numbers: Wyoming

- 2,197 geoscience employees (excludes self-employed)
- 748 million gallons/day: total groundwater withdrawal
• $2.41 billion: value of nonfuel mineral production in 2017
• 30 total disaster declarations, including 18 fire, 5 flood, and 2 severe storm disasters (1953-2017)?
• $4.65 million: NSF GEO grants awarded in 2017

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

Agencies Working on Geoscience Issues in Wyoming

Wyoming Department of Environmental Quality
http://deq.wyoming.gov/
The Wyoming Department of Environmental Quality is responsible for enforcing state and federal environmental laws. It is comprised of seven divisions including: administration, abandoned mine land, air quality, industrial siting, land quality, solid & hazardous waste, water quality.

Wyoming State Emergency Response Commission
https://hls.wyo.gov/
Among the SERC’s duties are the following: designate local emergency planning districts within the state and appoint a local emergency planning committee (LEPC) to serve each of the districts; coordinate and supervise activities of the local committees; review local emergency response plans annually; receive all chemical release notifications and inventory reports.

Wyoming State Geological Survey
https://www.wsgs.wyo.gov/
The Wyoming State Geological Survey (WSGS) performs the important and critical function of interpreting Wyoming’s complex geology.

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
The Pinedale Gas Field, Wyoming

Introduction The Pinedale field is the sixth-largest gas field in the United States.1 The core development area covers about 70 square miles in a sparsely populated area of southwest Wyoming, 70-100 miles north of Rock Springs.2 In 2015, the Pinedale field produced 4 million barrels of gas...

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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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