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...

**Case Studies & Factsheets**

Screenshot of the USEITI case studies showing the Campbell County case study highlighted

**Coal Mining in Campbell County, Wyoming**

The U.S. Department of the Interior's Office of Natural Resources Revenue, Information and Data Management has produced a series of case studies on extractive industries across the United States, focusing on coal, copper, gold, iron, natural gas, and oil.
The 2016 Critical Issues Forum was a 1-½ day meeting covering multiple aspects of groundwater depletion in the High Plains.

Making Produced Water More Productive
Course Type: GOLI Online Course
View course
Geoscience is essential to our understanding and management of produced water, an inevitable byproduct of oil and gas development. This course provides a scientific and regulatory background of produced water, how it is commonly disposed, what opportunities exist for the re-use of produced water...