Geoscience in Your State: New Mexico
By the numbers: New Mexico

- 3,956 geoscience employees (excludes self-employed)
- 1.44 billion gallons/day: total groundwater withdrawal
$1.31 billion: value of nonfuel mineral production in 2017
81 total disaster declarations, including 49 fire, 18 flood, and 12 severe storm disasters (1953-2017)?
$9.82 million: NSF GEO grants awarded in 2017

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

Agencies Working on Geoscience Issues in New Mexico

New Mexico Bureau of Geology and Mineral Resources
https://geoinfo.nmt.edu/
The New Mexico Bureau of Geology & Mineral Resources serves as the geological survey for the State of New Mexico. The Survey conducts research and interacts with State and Federal agencies and industry to facilitate prudent exploitation of the state's geological resources; distributes accurate information to scientists, decision makers, and the New Mexico public regarding the state's geologic infrastructure, mineral and energy resources, and geohydrology (including water quantity and quality).

New Mexico Department of Homeland Security and Emergency Management
http://www.nmdhsem.org/
The Department of Homeland Security and Emergency Management leads the State’s response to emergencies and disasters while providing for the safety and welfare of its citizens.

New Mexico Environment Department
https://www.env.nm.gov/
The New Mexico Environment Department is committed to providing clear articulation of goals, standards, and expectations in a professional manner so that employees and the public can make informed decisions and be actively involved in setting priorities. This department is also involved in promoting environmental awareness through the practice of open and direct communication and sound decision-making by carrying out the mandates and initiatives of the department in a fair and consistent manner.

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
Induced Seismicity from Oil and Gas Operations

Manmade Earthquakes Any activity that significantly changes the pressure on or fluid content of rocks has the potential to trigger earthquakes. This includes geothermal energy production, water storage in large reservoirs, groundwater extraction, underground injection of water for enhanced oil...

Search all Case Studies & Factsheets ▶

Webinars & Forums


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

Search all Webinars & Forums ▶

GOLI Online Courses

Induced Seismicity in the Mid-Continent

Course Type: GOLI Online Course

View course

This course provides information about induced seismic activity in the United States, specifically in the mid-continent. It includes information on mitigation planning, the state of seismic monitoring at the state level, and the challenges in communicating the science of the issue to the public...

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Research Database Publications