Geoscience in Your State: Virginia
By the numbers: Virginia

- 8,782 geoscience employees (excludes self-employed)
- 298 million gallons/day: total groundwater withdrawal
$1.25 billion: value of nonfuel mineral production in 2017
64 total disaster declarations, including 17 severe storm, 15 flood, and 13 hurricane disasters (1953-2017)?
$18.8 million: NSF GEO grants awarded in 2017

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

Agencies Working on Geoscience Issues in Virginia

Virginia Department of Emergency Management
https://www.vaemergency.gov/
The Virginia Department of Emergency Management works with local government, state and federal agencies and voluntary organizations to provide resources and expertise through the five mission areas of emergency management.

Virginia Department of Environmental Quality
https://www.deq.virginia.gov/
The Department of Environmental Quality protects and enhances Virginia’s environment, and promotes the health and well being of the citizens of the Commonwealth. The DEQ has programs in air, water, land protection, renewable energy, coastal zone management, pollution prevention, and environmental information.

Virginia Department of Mines, Minerals, and Energy
https://dmme.virginia.gov/
DMME’s purpose is to enhance the development and conservation of energy and mineral resources in a safe and environmentally sound manner in order to support a more productive economy in Virginia.

Virginia Division of Geology and Mineral Resources
https://www.dmme.virginia.gov/dgmr/divisiongeologymineralresources.shtml
The Division of Geology and Mineral Resources (DGMR) serves as Virginia’s geological survey. DGMR performs investigations aimed at reducing risk from geologic hazards and encouraging sustainable development through the wise use of mineral, land, water, and energy resources.

Maps & Visualizations

Interactive map of offshore sand and gravel resources of the United States
Bureau of Ocean Energy Management
The Bureau of Ocean Energy Management's Marine Minerals Information System (MMIS) provides an interactive map with information on offshore sand and gravel resources for 18 states on the Atlantic and Gulf coasts of the United States. The system includes: Sand and gravel resources Marine...

Search all Maps & Visualizations

Case Studies & Factsheets
Present Day Climate Change

Climate Science 101 Climate is the average of weather conditions over several decades.1,2 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)...
Research Database Publications

Virginia
1999, United States Geological Survey

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