Geoscience in Your State Factsheets

How does geoscience affect your state?

The AGI Geoscience Policy team created State Geoscience Information factsheets to inform geoscientists and decision makers on how geoscience impacts their state. These factsheets highlight geoscience areas including, employment, water, minerals, energy and hazards in each state. They also demonstrate how federal research agencies, such as the National Science Foundation, U.S. Geological Survey, National Aeronautics and Space Administration, and the National Ocean and Atmospheric Administration contribute beneficial geoscience information to each state.

If you have any questions on our state factsheets, please contact us at govt@americangeosciences.org

Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming
Geoscience in Virginia

WHAT IS GEOSCIENCE?
Geoscience is the study of the Earth and the complex geologic, marine, atmospheric, and hydrologic processes that sustain life and the economy. Understanding the Earth's surface and subsurface is crucial for resource discovery, environmental health, and safety challenges.

By the numbers: VIRGINIA
- 920 geoscience employees (non-federal/self-employed)
- 3.9 million gallons/day of potable water withdrawn
- 1.125 billion value of coal tonnage produced in 2017
- 34 total disaster declarations, including 17 severe storms, 6 floods, and 13 hurricane evacuations (1965-2017)
- $1.5 billion in NIP projects awarded in 2017

ENERGY AND MINERALS IN VIRGINIA
- 1.125 billion value of coal tonnage produced in 1972
- 24 billion cubic feet of natural gas produced in 2017
- 15 billion megawatt hours of electricity produced in 2017
- 1.1 trillion megawatt hours, wood-derived fuels produced in 2017

WATER IN VIRGINIA
- 28 million gallons/day of potable water withdrawn
- 460 million gallons/day of industrial water withdrawals
- 42.5 million gallons/day of public supply water withdrawals
- 2.51 billion gallons/day of oil and gas injection
- 1.1 million acres of coastal wetland
- 80% of the population is served by public water supplies

NATIONAL HAZARDS IN VIRGINIA
- 46 total disaster declarations, including 17 severe storms, 6 floods, and 13 hurricane evacuations (1965-2017)
- 2.7 billion in disaster assistance grants (2005-2017)
- 1.1 trillion megawatt hours of electricity produced in 2017
- 1.1 trillion megawatt hours, wood-derived fuels produced in 2017
- 0.4 million acres of coastal wetland
- 80% of the population is served by public water supplies

Tags: policy
Section:

- Geoscience Policy