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

Image:
Geoscience in Virginia

WHAT IS GEO SCIENCE?
Geoscience is the study of the Earth and its complex geologic, marine, atmospheric, and hydrologic processes that sustain life and the economy. Understanding the Earth's surface and subsurface, its resources, history, and hazards allows us to develop solutions to critical economic, environmental, health, and safety challenges.

By the numbers: VIRGINIA
- 43,000 geoscientists and related workers
- $3.2 billion in economic activity
- $1.5 billion in value-added

ENERGY AND MINERALS IN VIRGINIA
- 1.25 trillion barrels of proved reserves of coal in 2017
- 9,200 miles of pipeline, 2,100 of which are natural gas pipelines
- 1.1 million barrels of oil produced in 2017
- 1.1 billion cubic feet of natural gas produced in 2017
- 1.1 million megawatt-hours of electricity produced in 2017
- 1.1 million metric tons of coal produced in 2017

WATER IN VIRGINIA
- 385 million gallons of tap water consumed
- 435 million gallons of treated wastewater treated
- 2.5 billion gallons of water consumed
- 46% of the population is served by public water supplies

NATURAL HAZARDS IN VIRGINIA
- 46 total disaster declarations, including 17 severe storms, 15 floods, and 13 hurricane disasters
- $1.5 billion in insurance claims
- $1.1 billion in public assistance
- $1.2 billion in private assistance
- 41 federal and state disaster events, with 22 total donors (5 million in donations alone)
factsheet

Section:

- Geoscience Policy