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 GEOLOGY?
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, its resources, history, and hazards allows us to develop solutions to critical economic, environmental, health, and safety challenges.

By the numbers: VIRGINIA
- 7,620 geoscience employees (total & self-employed)
- $79 million in research funding awarded in FY 2017
- 21.31 billion metric tons of coal mined production in 2017
- 29 total disaster declarations, including 17 severe storms, 8 floods, and 4 hurricane evacuations (1985-2017)
- 3.316 million $R values awarded in FY 2017

ENERGY AND MINERALS IN VIRGINIA
- 1.15 billion cubic feet of natural gas production in 2017
- 285,000 acres of forest land, vast (untouched), and air quality
- Construction of the first offshore wind farm in the U.S.
- 1.3 billion dollars in research funding awarded in FY 2017
- 3,100 megawatts of hydropower produced in 2017
- 3,100 megawatts of wind energy produced in 2017

WATER IN VIRGINIA
- 9.4 million gallons/day total groundwater withdrawal
- 4.6 million gallons/day surface water withdrawal
- 36.1 million gallons/day public supply water withdrawal
- 32.1 million gallons/day industrial treated water withdrawal
- 8% of the population is served by public water supplies
- 8% of the population is served by public water supplies

NATURAL HazARDS IN VIRGINIA
- 54 total disaster declarations, including 17 severe storms, 8 floods, and 8 hurricane evacuations (1985-2017)
- 1.4 billion dollars in disaster aid awarded in 2017
- 1.9 billion dollars in disaster aid awarded in 2017
- 2.2 billion dollars in disaster aid awarded in 2017
- 4.1 billion dollars in disaster aid awarded in 2017
- 3.1 billion dollars in disaster aid awarded in 2017
- 4.3 billion dollars in disaster aid awarded in 2017
- 5.1 billion dollars in disaster aid awarded in 2017

Tags:
- policy
Section:

- Geoscience Policy