

## Geoscience in Your State: Georgia

## INTRODUCTION

Geoscience is a part of the earth and the atmosphere, water, atmosphere, and geology processes that sustain life and the economy. Understanding the earth's surface and subsurface, its resources, history, and development is a key to understanding the earth's environment, its history, and its future.



## By the numbers: GEORGIA

- 7,635 geoscience employees (excludes self-employed)<sup>1</sup>
- 1.15 billion gallons/day: total groundwater withdrawal<sup>3</sup>
- 30 billion cubic feet of natural gas production in 2017
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| 2. Total groundwater withdrawal                  | 1.15 billion gallons/day |
| 3. Natural gas production                        | 30 billion cubic feet    |

Source: U.S. Geological Survey, 2017. Data are preliminary and subject to change. For more information, visit <http://www.usgs.gov>.

# By the numbers: Georgia

- 7,635 geoscience employees (excludes self-employed)<sup>1</sup>
- 1.15 billion gallons/day: total groundwater withdrawal<sup>3</sup>

- \$1.84 billion: value of nonfuel mineral production in 20174
- 60 total disaster declarations, including 14 severe storm, 12 tornado, and 11 fire disasters (1953-2017)?
- \$6.39 million: NSF GEO grants awarded in 201714...

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

### Agencies Working on Geoscience Issues in Georgia

#### **Georgia Coastal Resources Division**

<https://coastalgadnr.org/>

The mission of the Coastal Resources Division is to balance coastal development and protection of the coast's natural assets, socio-cultural heritage and recreational resources for the benefit of present and future generations.

#### **Georgia Emergency Management and Homeland Security Agency**

<https://gema.georgia.gov/>

The mission of the Georgia Emergency Management and Homeland Security Agency is to facilitate the protection of life and property against man-made and natural disasters by directing the state's efforts in the areas of prevention, preparedness, mitigation, response, and recovery.

#### **Georgia Environmental Protection Division**

<https://epd.georgia.gov/>

The Georgia Environmental Protection Division (EPD) protects and restores Georgia's environment, taking the lead in ensuring clean air, water and land, and pursuing with partners a sustainable environment that provides a foundation for a vibrant economy and healthy communities.

#### **Georgia Geological Survey**

<https://epd.georgia.gov/>

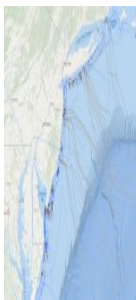
The Environmental Protection Division (EPD) protects and restores Georgia's environment. We take the lead in ensuring clean air, water and land. With our partners, we pursue a sustainable environment that provides a foundation for a vibrant economy and healthy communities.

#### **Georgia Soil & Water Conservation Commission**

<https://gaswcc.georgia.gov/>

The Georgia Soil and Water Conservation Commission (GSWCC) was formed to protect, conserve and improve the soil and water resources of the State of Georgia. The Commission's goal is to make Georgia a better place for its citizens through the wise use and protection of basic soil and water resources and to achieve practical water quality goals.

## 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...

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## Case Studies & Factsheets



Geoscience in Georgia

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Webinars & Forums



Planning for Coastal Storm and Erosion Hazards

This webinar will focuses on efforts to anticipate, mitigate, and respond to coastal storms, erosion, and associated hazards at the federal, state, and local level.

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