

Geoscience in Your State: Florida

INTRODUCTION

Geoscience is a part of Florida's natural resource portfolio, and it plays a key role in the state's economic development. The Florida geoscience community is a diverse group of professionals who work in a variety of industries, including environmental consulting, engineering, and geology.



By the numbers: FLORIDA

- 13,696 geoscience employees (excludes self-employed)¹
- 3.77 billion gallons/day: total groundwater withdrawal²
- 12.5 billion cubic feet of natural gas production in 2017
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REGULATORY AGENCIES

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¹ Based on data from the Florida Department of Economic Development, Bureau of Economic Research, and the Florida Department of Transportation, Bureau of Transportation Planning and Research. Data is based on the 2017 Census of Geoscience Professionals in Florida.

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By the numbers: Florida

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- \$3.15 billion: value of nonfuel mineral production in 20174
- 122 total disaster declarations, including 42 fire, 34 hurricane, and 22 severe storm disasters (1953-2017)?
- \$19.6 million: NSF GEO grants awarded in 201714...

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Agencies Working on Geoscience Issues in Florida

Florida Department of Environmental Protection

<https://floridadep.gov/>

The Florida Department of Environmental Protection (DEP) protects, conserves and manages Florida's natural resources and enforces the state's environmental laws.

Florida Division of Emergency Management

<https://www.floridadisaster.org/>

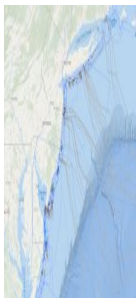
The mission of the Florida Division of Emergency Management is to work together to ensure that Florida is prepared to respond to emergencies, recover from them, and mitigate against their impacts.

Florida Geological Survey

<https://floridadep.gov/fgs>

The Florida Geological Survey's mission is to collect, interpret and provide objective quality geologic information about Florida.

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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Offshore Energy

This webinar is based on a Congressional briefing organized by the Advances in Earth Science coalition (16 May 2016). The webinar brings together experts from academia and government to explain the scientific and engineering tools that enable production in challenging environments far from land...

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