Geoscience in Your State: Rhode Island
By the numbers: Rhode Island

- 990 geoscience employees (excludes self-employed)
- 33 million gallons/day: total groundwater withdrawal
$63 million: value of nonfuel mineral production in 2017

22 total disaster declarations, including 9 hurricane, 6 snow, and 5 severe storm disasters (1953-2017)?

$8.9 million: NSF GEO grants awarded in 2017

What is...

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

Agencies Working on Geoscience Issues in Rhode Island

Rhode Island Coastal Resources Management Council
http://www.crmc.ri.gov/
The Coastal Resources Management Council is a management agency with regulatory functions. Its primary responsibility is for the preservation, protection, development and where possible the restoration of the coastal areas of the state via the implementation of its integrated and comprehensive coastal management plans and the issuance of permits for work with the coastal zone of the state.

Rhode Island Department of Environmental Management
http://www.dem.ri.gov/
The Rhode Island Department of Environmental Management (DEM) serves as the chief steward of the state’s natural resources. The DEM's mission put simply is to protect, restore, and promote our environment to ensure Rhode Island remains a wonderful place to live, visit, and raise a family.

Rhode Island Emergency Management Agency
http://www.riema.ri.gov/
The mission of the Rhode Island Emergency Management Agency is to reduce the loss of life and property for the whole community while ensuring that as a state we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all natural, human-caused, and technological hazards.

Rhode Island Geological Survey
https://web.uri.edu/geo/rhode-island-geological-survey/
The mission of the Rhode Island Geological Survey and the Rhode Island State Geologist is to provide the people of Rhode Island with quality geologic information to facilitate informed decision-making for natural resource management, economic development, conservation planning, and regulation; to provide public assistance; and to promote education.

Rhode Island Office of Energy Resources
http://www.energy.ri.gov/index.php
The Office of Energy Resources (OER) is Rhode Island’s lead state agency on energy policy and programs. The mission of OER is to lead Rhode Island to a secure, cost-effective, and sustainable energy future.

Rhode Island Water Resources Board
http://www.wrb.ri.gov/index.html
The Rhode Island Water Resources Board is an executive agency of state government charged with managing the proper development, utilization and conservation of water resources. Its primary responsibility is to ensure that sufficient water supply is available for present and future generations, apportioning available water to all areas of the state, if necessary.

University of Rhode Island Environmental Data Center
https://www.edc.uri.edu/
The Environmental Data Center is the center of technical expertise in GIS for the state of Rhode Island. The (EDC) is a Geographic Information System (GIS) and spatial data analysis laboratory at the University of Rhode Island. The mission of the EDC is to support the use of contemporary tools of spatial data processing and electronic dissemination in the analysis and distribution of environmental data.

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...

Case Studies & Factsheets

Dry well usage across the United States
Introduction Dry wells improve stormwater drainage and aquifer recharge by providing a fast, direct route for rainwater to drain deep into underlying sediment and rock. Dry wells are most common in the western U.S. where clay or caliche layers slow down the natural drainage of water into underlying...

Webinars & Forums

Offshore Energy
2016-06-14
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...
Ocean Acidification Impacts on Fisheries
Course Type: GOLI Online Course
View course
As the amount of atmospheric carbon dioxide has increased over recent history, so has the acidity of oceans worldwide. The changing acidity of the ocean has many ecological and economic impacts, one of the most serious being its effects on marine life and fisheries. The impact of ocean...