Geoscience in Your State: New York
By the numbers: New York

- 18,291 geoscience employees (excludes self-employed)
- 890 million gallons/day: total groundwater withdrawal
• $1.28 billion: value of nonfuel mineral production in 2017
• 93 total disaster declarations, including 27 severe storm, 23 flood, and 19 snow disasters (1953-2017)
• $55.8 million: NSF GEO grants awarded in 2017...

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

Agencies Working on Geoscience Issues in New York

New York Office of Emergency Management
http://www.dhzes.ny.gov/oem/
The mission of the New York State Office of Emergency Management (OEM) is to protect the lives and property of the citizens of New York State from threats posed by natural or man-made events. To fulfill this mission, OEM coordinates emergency management services with other federal and State agencies to support county and local governments.

New York State Department of Environmental Conservation
http://www.dec.ny.gov/
The New York State Department of Environmental Conservation (DEC) was created on July 1, 1970 to combine in a single agency all state programs designed to protect and enhance the environment.

New York State Geological Survey
http://www.nysm.nysed.gov/research-collections/geology
The mission of the NYSGS is to conduct geologic research, evaluate mineral resources and geologic hazards of the State of New York, and make the data and advice derived from that research available to State agencies, the educational community, and the public for the health, safety, and economic welfare of the citizens of the State.

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
Roadway deicing in the United States

Background In areas prone to winter precipitation, transportation infrastructure must be able to quickly respond to snow and ice on roadways. Ice removal is a vital service in these communities. Deicing chemicals melt ice by lowering the temperature at which it melts. They can also prevent new ice.

Search all Case Studies & Factsheets

Webinars & Forums

Geologic Mapping to Empower Communities: Examples from the Great Lakes

This webinar will introduce geologic mapping in the Great Lakes region, showcase projects from the Great Lakes Geologic Mapping Coalition, and review planning decisions made based on their work. Speakers from the Illinois, Minnesota, and Michigan State Geological Surveys will discuss case...

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GOLI Online Courses

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...

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