

Geoscience in Your State: Pennsylvania

- 16,480 geoscience employees (excludes self-employed)¹
- 628 million gallons/day: total groundwater withdrawal³

- \$1.85 billion: value of nonfuel mineral production in 20174
- 59 total disaster declarations, including 26 flood, 16 severe storm, and 8 hurricane disasters (1953-2017)?
- \$9.1 million: NSF GEO grants awarded in 201714...

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

Agencies Working on Geoscience Issues in Pennsylvania

Pennsylvania Department of Environmental Protection

<https://www.dep.pa.gov/Pages/default.aspx>

The Department of Environmental Protection's mission is to protect Pennsylvania's air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment. We will work as partners with individuals, organizations, governments and businesses to prevent pollution and restore our natural resources.

Pennsylvania Emergency Management Agency

<https://www.pema.pa.gov/Pages/Default.aspx>

The Pennsylvania Emergency Management Agency helps communities and citizens mitigate against, prepare for, respond to, and recover from emergencies including natural disasters, acts of terrorism, or other humanmade disasters.

Pennsylvania Geological Survey

<https://www.dcnr.pa.gov/about/Pages/Geological-Survey.aspx>

The Pennsylvania Geological Survey's mission is to serve the citizens of Pennsylvania by collecting, preserving, and disseminating impartial information on the Commonwealth's geology, geologic resources, and topography in order to contribute to the understanding, wise use, and conservation of its land and included resources.

Maps & Visualizations



Interactive database for geologic maps of the United States

U.S. Geological Survey

The U.S. Geological Survey hosts the National Geologic Map Database (NGMDB). This interactive tool serves as a national archive for high-quality, standardized geologic maps created by the U.S. Geological Survey and state geological surveys. The MapView section of the NGMDB displays geologic maps...

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Case Studies & Factsheets

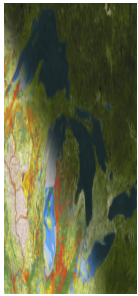


Dry well usage across the United States

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...

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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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