Geoscience in Your State: Wisconsin
By the numbers: Wisconsin

- 4,756 geoscience employees (excludes self-employed)
- 772 million gallons/day: total groundwater withdrawal

46 total disaster declarations, including 19 severe storm, 15 flood, and 4 snow disasters (1953-2017)?

$12.4 million: NSF GEO grants awarded in Wisconsin in 2017...

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

Agencies Working on Geoscience Issues in Wisconsin

**Wisconsin Department of Natural Resources**
https://dnr.wi.gov/
To protect and enhance our natural resources (our air, land and water; our wildlife, fish and forests; and the ecosystems that sustain all life). To provide a healthy, sustainable environment and a full range of outdoor opportunities. To ensure the right of all people to use and enjoy these resources in their work and leisure. To work with people to understand each other's views and to carry out the public will. And in this partnership consider the future and generations to follow.

**Wisconsin Emergency Management**
https://wem.wi.gov/
Wisconsin Emergency Management (WEM) coordinates effective disaster response and recovery efforts in support of local governments.

**Wisconsin Geological & Natural History Survey**
https://wgnhs.wisc.edu/
The Wisconsin Geological & Natural History Survey conducts earth-science surveys, field studies, and research. We provide objective scientific information about the geology, mineral resources, water resources, soil, and biology of Wisconsin.

Maps & Visualizations

![Interactive database for geologic maps of the United States](https://wgnhs.wisc.edu/)

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

![Remote Sensing Supports Emergency Management Response to Tornados](https://wem.wi.gov/)

Remote Sensing Supports Emergency Management Response to Tornados
Remote sensing imagery is used by researchers at the University of Wisconsin–Madison to support recovery efforts after a tornado. Defining the Problem Following a tornado, first responders need maps of the width and location (swath) of the damage area. The biggest challenge when integrating remote...

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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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GOLI Online Courses

Water as One Resource
Course Type: GOLI Online Course
View course
This course provides an overview of how groundwater and surface water interact, what the implications of these interactions on water resources are, and how water can be more effectively managed if an understanding of these interactions is incorporated. The course presenters are Ken...

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