

## Geoscience in Your State: Wisconsin

Businesses that help the state and the people prosper, make a difference, and improve processes that sustain life and the economy. Understanding the state's values and objectives, its resources, history, and landscape are deeply relevant to social, economic, environmental, health, and development issues.

<http://dx.doi.org/10.1016/j.jmb.2011.05.014>

- 730 people employed (not total self-employed)
- 77 million pounds total production intended
- \$1.4 billion rise in combined production in 2017
- 4000 direct jobs created, including 1800 in the food and drink sector (195-201)
- \$1.2 million 195-212 (not covered in 2015 in 2017)

• *Stellen der fünf Metropoliten 2017*

- Set an appropriate, time-related, and goal-oriented topic for the next time in order to achieve 100%

- 43 people employed in the department
- 13 min report has no relevant points
- 663 more new people employed in 2017
- 13 min report has no relevant points
- 2 training sessions department
- 13 min report has no relevant points

[illegible]

- 48 total data iterations, including 10 warm-up iterations, and 10 burn-in iterations (25,000)
- 500 million individual iterations per node (25,000)
- 50 million imputation nodes (25,000)
- 50 million per-phenotype nodes (25,000)
- 50 million per-allele nodes (25,000)
- 70 million node iterations with all node iterations (100 million nodes) (100,000)

- [illegible]

<http://www.elsevier.com/locate/jg> <http://www.elsevier.com/locate/jg>

- 4,756 geoscience employees (excludes self-employed)<sup>1</sup>
- 772 million gallons/day: total groundwater withdrawal<sup>3</sup>

- \$1.49 billion: value of nonfuel mineral production in 20174
- 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

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

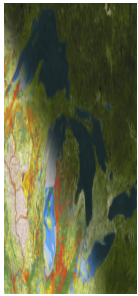


Dry well usage across the United States

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...

**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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