

Geoscience in Your State: Illinois

- \$1.38 billion: value of nonfuel mineral production in 2017⁴
- 60 total disaster declarations, including 25 severe storm, 15 flood, and 10 tornado disasters (1953-2017)⁶
- \$16.8 million: NSF GEO grants awarded in 2017...

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

Agencies Working on Geoscience Issues in Illinois

Illinois Clean Coal Institute

<https://isgs.illinois.edu/icci/reports.php>

Established in 1982, the Illinois Clean Coal Institute coordinated a comprehensive coal research and development program addressing issues related to sulfur and other noxious elements in Illinois coal. The full archive of almost 800 reports produced from this work over the course of 35 years is housed in the coal section of the Illinois State Geological Survey's website.

Illinois Emergency Management Agency

<https://www2.illinois.gov/iema/Pages/default.aspx>

The mission of the Illinois Emergency Management Agency is to prepare, protect and assist the citizens of the State of Illinois through planning, prevention, training, mitigation, response, and recovery to all hazards, natural or manmade.??

Illinois Environmental Protection Agency

<https://www2.illinois.gov/epa/Pages/default.aspx>

The mission of the Illinois EPA is to safeguard environmental quality, consistent with the social and economic needs of the State, so as to protect health, welfare, property and the quality of life.

Illinois Office of Mining and Minerals

<https://www.dnr.illinois.gov/mines/Pages/default.aspx>

The Illinois Office of Mining and Minerals regulates the mining industry throughout the State of Illinois; regulates the possession, use, and storage of explosives; and enforces various acts which govern the mining industry.

Illinois Office of Oil and Gas Resource Management

<https://www.dnr.illinois.gov/OilandGas/Pages/default.aspx>

The Illinois Office of Oil and Gas Resource Management is the regulatory authority in Illinois for permitting, drilling, operating, and plugging oil and gas production wells. The Office implements the Illinois Oil and Gas Act and enforces standards for the construction and operation of related production equipment and facilities. In addition, the Office regulates the injection of fluids into underground injection wells, through the UIC Program, and cleans up abandoned well sites through the PRF and Landowner Grant Programs.

Illinois Office of Water Resources

<https://www.dnr.illinois.gov/WaterResources/Pages/default.aspx>

The Illinois Office of Water Resources is the lead state agency for water resources planning, navigation, floodplain management, the National Flood Insurance Program, water supply, drought, and interstate organizations on water resources. Interagency duties include the state water plan, drought response, flood emergency situation reports, and the comprehensive review of Illinois water use law.

Illinois State Geological Survey

<http://isgs.illinois.edu/>

The mission of the Illinois State Geological Survey is to provide the citizens and institutions of Illinois with earth science research and information that are accurate, objective, and relevant to our State's environmental quality, economic prosperity, and public safety.

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

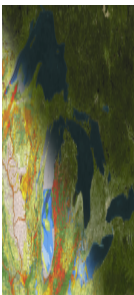


Dry well usage across the United States

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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