



## EGLE Classroom EnviroSchool Webinar Series

**November 17, 2022: What's Underground? An Adventure into Applied Earth Science and the 'Economic Geology' of Michigan's Two Peninsulas**

For further resources on geology in Michigan, check out these links shared by our presenters.

### EGLE Classroom Environmental Education Resources:

- EGLE [Lending Station – Groundwater Model](#)
- [MEECS](#) Land Use Unit, Water Quality, Climate Change, and Energy Resources Units
- EGLE [Career Series](#)
- [EGLE Classroom](#)
- [EGLE's 'Learn About Geology and Natural Resources' page](#)

**MiEnvironment Article:** [EGLE's 'rock librarian' explains what's involved in identifying mystery mineral in the Upper Peninsula \(michigan.gov\)](#)

**Video: MI EnviroMinute:** [Michigan Geology](#)



**Video:** [EGLE Explains: Oil, Gas, and Minerals](#)





# EGLE Classroom

## Geology & Earth Science Education Resources:

- Michigan Earth Science Teacher's Association (MESTA) – [www.mestarocks.org](http://www.mestarocks.org)
- Western Michigan University: CoreKids program - <https://wmich.edu/corekids>
- [Earth Science Week](#) – Annually in October, organized by American Geosciences Institute

## Connecting Earth Science/Geology Education to Native American Heritage:

- [EGLE Tribal Relations Webpage](#) – Includes links to information about each of Michigan's 12 federally recognized tribes as well as maps of Land Cessions and Indian Lands.
- [Native American Studies Research Guide: Michigan's American Indian Heritage](#) by MSU Library

## Resources shared by Presenters:

- GeoWebFace <https://www.egle.state.mi.us/GeoWebFace/>
  - Interactive mapping program with many geologic layers. Including:
    - Oil, gas, and mineral wells
    - Oil and gas fields
    - Bedrock Geology, Glacial geology and landforms
    - Water wells
    - Critical dunes and designated sand dune areas
    - Rock quarries and sand and gravel operations
    - Outcrops and waterfalls
- “Geology in Michigan” Webpage <https://www.michigan.gov/egle/about/organization/oil-gas-and-minerals/oil-and-gas/geology-in-Michigan>
  - Geologic Library Catalog
  - Has resources on general geology with some information specifically geared to teachers.
  - Many old reports and circulars – some dating back to Douglass Houghton and the early work and discoveries of Michigan's Geology.

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