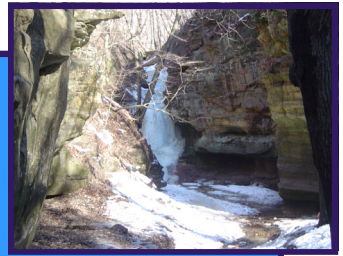


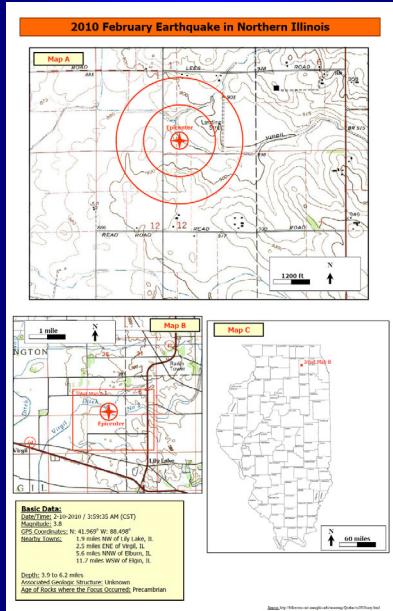
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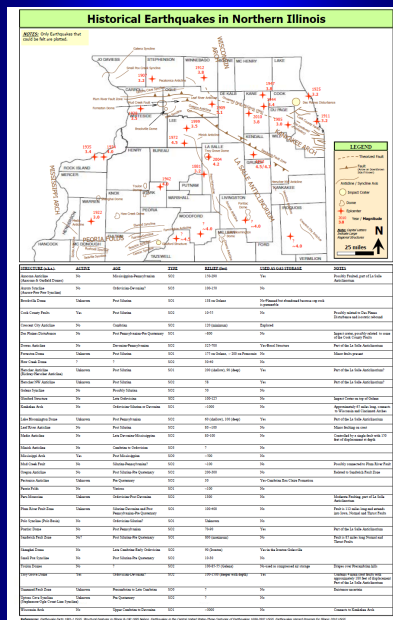
Advancing North America's Earth Science and Engineering Research



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March 2010



Map showing the details of the 2-10-2010 earthquake in Northern Illinois



Map of known Northern Illinois Earthquakes and associated geologic structures

NEWS

The Midwest Earthquake Seminar was held on 3-20-2010. Dr. Robert Nelson of Illinois State University and David Voorhees of Waubensee Community College were the guest speakers.

Steven Baumann (MIGE) gave a power point presentation on the basics of earthquakes and details on Northern, Illinois earthquakes. Dr. Nelson covered the \$200,000,000 federally funded EarthScope Project that will be coming to the Midwest in 2011. EarthScope is a two year program that will greatly increase our understanding of earthquakes in the Midwest. The EarthScope Project and its results are available to the public at www.earthscope.org. Mr. Voorhees gave an animated presentation on what we think we know and the how and why of earthquakes.

The event was covered by Linda Girardi of the Suntimes Media and was printed in the Beacon Newspaper.

A special thanks to Phil Palsgrove of GeoServe who sponsored the event.

EVENTS

On 3-27-2010, Steven Baumann (MIGE) will be travelling to "32nd Annual National Fossil Expo", which will be held at Western University in Macomb, Illinois. Pictures and updates will be posted on MIGE's website.

MIGE is organizing a field trip to Matthiessen State Park, Illinois in the Spring of 2010. The field trip will focus on the unique geology of the park and how understanding its unique geologic structure can better help us plan for the future of water and mineral extraction. Plus Matthiessen is a great place to look at both plant and animal fossils.

For more information call: (630) 379-4835 or email steveb@migeweb.org

UPCOMING PUBLICATIONS

MIGE is currently working on several projects. The focus is mostly the understudied and misunderstood Upper Ordovician in Illinois and the resources that it contains. MIGE will also be working on correlating the geology of Illinois in the subsurface. A pressing need to understand the subsurface is key due to over use and contamination of mainly groundwater resources. The stratigraphy of Illinois' bedrock has not been updated since 1975.

A detailed geologic map of Castle Rock State Park will come out before the spring catalog is released. The map is the third pilot map in our "Indimap Series". The map attempts for the first time to map the western edge of the Sandwich Fault Zone in detail. MIGE has work closely with the Illinois State Geological Survey to insure the best quality possible. The map will be done in GIS and will be available in print or as a PDF file.

The two maps presented by MIGE at the Midwest Earthquake Seminar (shown on the left) will be available for purchase on MIGE's website. The maps are 11" x 17" in size and are in full color. They are laser not inkjet prints!

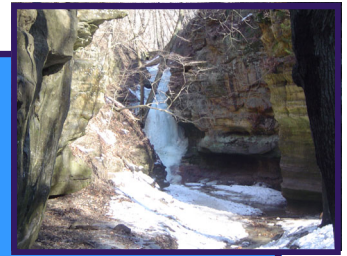
FUTURE PROJECTS

MIGE will be launching two projects in the near future. The first will be a detailed cross section of the Paleozoic rocks in DeKalb, Kane, and DuPage Counties in Illinois. The purpose is to find evidence of faulting that may have caused the February 10th 2010

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Photo of the Earthquake Seminar sign in front of where the event was held

The second project (still in planning) is to research and develop ways to protect our groundwater resources in an eco-friendly manner. The project will be called "The Water Replenishment Project". MIGE plans to develop non-intrusive engineering techniques that will not only conserve groundwater but to renew and protect it. Its target completion date is sometime in 2012.

WEBSITE

MIGE has a website at www.migeweb.org and is planning to expand it greatly in the next several months.

If you visit our website and have comments or suggestions, please don't hesitate to contact us.

Normal MIGE hours are 9:30AM to 6PM, seven days a week.

PHOTOGRAPH of the QUARTER

Taken by: Steven Baumann on 8-30-2009

Photo of: The *Vermilionville Sandstone*

Location: South end of Matthiessen State Park, looking North from the Vermilion River



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