

# Professional Geologists of Indiana



PGI is a not-for-profit society aimed at promoting the profession of geology and the careers of Licensed Professional Geologists within the State of Indiana. PGI advocates for and supports continuing education opportunities in the geosciences and participates in legislative and administrative activities as they relate to the science and business of Geology.

Welcome to the July 2016 PGI Newsletter. Please send announcements for the newsletter to this email:  
[profgeologistsfin@gmail.com](mailto:profgeologistsfin@gmail.com)

As always, Professional Geologists of Indiana greatly appreciates the support of its Members and Corporate Sponsors. Without this support our field trips, seminars, educational opportunities, and PGI events would not be possible. Both Individual and Corporate Members can pay their dues online at the PGI website. Thank you!

[www.professionalgeologistsfindiana.org](http://www.professionalgeologistsfindiana.org)

PGI is on Facebook: <http://www.facebook.com/groups/professionalgeologistsfindiana/>  
PGI also has a group on LinkedIn – just login to your LinkedIn account and search for Professional Geologists of Indiana.

## PGI Annual Meeting, November 16<sup>th</sup> – RSVP's Open

The joint PGI-Indiana Geologists Annual Meeting and Dinner will be held on November 16<sup>th</sup> at Blind Owl Brewery (5014 East 62<sup>nd</sup> Street, Indianapolis, 46220). Our speaker for the event will be **Bruce Stephens**, Executive Director of the Indiana Coal Council. He will be speaking on the future of Indiana's coal industry. Dinner will be \$20 per person.

Two PGI Board positions will be up for voting at this meeting and we need nominations! If you are interested in helping out the PGI Board serve the membership and promote geoscience careers in Indiana, please send your nomination to [profgeologistsfin@gmail.com](mailto:profgeologistsfin@gmail.com)

**RSVP's are NOW OPEN** – please send your RSVP (with number attending) to [profgeologistsfin@gmail.com](mailto:profgeologistsfin@gmail.com)

## PGI Field Trip – October 8<sup>th</sup>, 2016 - RSVP's Open!

PGI's annual field trip for this year will be at the Indiana Dunes with Todd Thompson, Kevin Russell and Bill Monaghan from Indiana Geological Survey and Erin Argyilan from IU Northwest. The title of the trip is:

*“Beaches, dunes, and holes: lake-level, shoreline, and dune behavior along the southern shore of Lake Michigan”*

The trip will be held on Saturday, October 8<sup>th</sup>, with coffee and donuts (courtesy of Active Environmental) from 9:30-10:00am (Eastern). The field trip itself will run from 10am to 5pm. The field trip will cost \$10 per person and a box lunch will be provided. Directions on where to meet in the morning will be announced shortly. Please note that you will have to provide your own transportation to and from the Dunes.

Spaces will be limited, please RSVP to [profgeologistsfin@gmail.com](mailto:profgeologistsfin@gmail.com)

**ES-AAPG 2016 offering professional development, networking and more in the Heart of the Bluegrass State, September 25-27**

The scenic heart of Kentucky’s bourbon country will serve as the setting for the 45<sup>th</sup> annual meeting of the Eastern Section of the AAPG in Lexington, Ky., September 25-27. The Geological Society of Kentucky and the Kentucky Geological Survey are hosting a full meeting of professional development opportunities, contemporary technical session, interesting field trips, and enjoyable social events. Kentucky’s flourishing bourbon industry inspired the 2016 theme of “Basins to Barrels.” Information on the agenda, registration, hotel reservations, and all other meeting activities can be found at [www.esaapgmtg.org](http://www.esaapgmtg.org).

**Field trips, workshops, technical sessions**

Pre-meeting activities are available Saturday and Sunday, Sept. 24-25. They include field trips to explore the hydrogeology of bourbon distilling (including a bourbon tasting!) and examine the Lexington Limestone / Point Pleasant Interval. Workshops offered in advance of the meeting will focus on dolomite and unconventional reservoirs, as well as communicating with legislators. For those interested in staying an extra day in the Bluegrass region, a field trip to the eastern Kentucky coal field and an introductory geochemistry workshop will be available on Wednesday. Participants can sign up for the workshops and field trips when going to the meeting site’s “Registration” link.

Technical talks are planned for two full days of concurrent morning and afternoon sessions with poster sessions and network breaks in between. Topics range from new techniques for resource production and analysis to emerging unconventional shale plays to environmental and other issues.

**Bourbon, history, and horses**

An opening evening icebreaker is scheduled for Sunday, September 25, and Monday evening’s typical reception dinner has been broken into four smaller social events around downtown Lexington. Options include tours of a brewery and distillery, a bourbon cocktail class and other choices. Spouses and guests of participants will also have choices of lunches and tours focused on history, horses, and bourbon.

**Register early!**

Registration opened in early June for the meeting, to be held at the Lexington Convention Center, where the adjoining Hyatt Regency Lexington will serve as the official hotel. Early professional registrants (through September 2) can get a \$50 break on the meeting cost. Some of the “extra” activities, such as field trips and Monday’s social events, have limited availability. Early registration will insure more choices! The full range of registration levels is available under the “Registration” link at the meeting’s web site.

Sponsorships and exhibit space are still available for the meeting. Interested companies and organizations can contact Sponsor Chair Mike Sanders at [msasjs@aol.com](mailto:msasjs@aol.com) and Exhibits Chair Dan Wells at [wellsconsulting@twc.com](mailto:wellsconsulting@twc.com).

SATURDAY SEPT. 24 <i>(Pre-meeting)</i>	SUNDAY SEPT. 25	MONDAY SEPT. 26	TUESDAY SEPT. 27	WEDNESDAY SEPT. 28 <i>(Post-meeting)</i>
Concurrent: Distillery Hydrogeology field trip  and Dolomite workshop	Concurrent: Upper Ordovician field trip Congress Needs You workshop Unconventional Reservoir workshop Opening session Icebreaker	Technical sessions Posters Exhibits Guest trip  Evening events (4 choices)	Technical sessions Posters Exhibits All-Division lunch Guest trip	Concurrent: Coal Geology field trip  and Geochemistry workshop

For more details, go to [www.esaapgmtg.org](http://www.esaapgmtg.org)

## New PGI Website!

We invite our members to visit the redesigned PGI website - <http://professionalgeologistsofindiana.org/> - to see what new items have been added and send us feedback on what \*you\* would like to see on the PGI website.



## Groundwater Model

PGI has access to a great Groundwater Model that allows the user to demonstrate how groundwater and contaminant plumes can move through the ground using simple food dye. It has several different layers of soil, a 'leaky landfill', a lake and a number of wells to use for injection or extraction. If you are interested in borrowing the groundwater model, please contact Scott Johanson at [sjohanso@idem.in.gov](mailto:sjohanso@idem.in.gov)

## Meetings and Events

### INDIANA GEOLOGISTS – GEOPHYSICS EXPO

**August 10, 2016, 6:00pm**

Claddagh on 96<sup>th</sup> Street, Indianapolis

### ILLINOIS-INDIANA AIPG CONFERENCE/FIELD TRIP

**Saturday, July 23, 2016:** On this one-day field trip, we will visit Matthiessen, Starved Rock and Buffalo Rock State Parks in Illinois. The major topics that we will discuss will be the stratigraphy and deposition of the Ordovician St. Peter Sandstone and the Platteville Limestone and of the Pennsylvanian cyclic deposits. We will also discuss other important topics, such as the glacial history of the area, including the formation of both Matthiessen and Starved Rock State Parks, the geology of the LaSalle Anticlinal structure, and current and historical economic importance of several of the above stratigraphic units. Finally, we will talk about efforts to reclaim mined-out sites in the area. Please note that the early stops will entail long stairway ascent, descent, and steep slopes. Also no rock collecting is allowed within the State Parks. Free for AIPG Student Members, all other attendees \$35/person. Registration includes lunch, snacks and guidebook. Non student attendees are eligible to earn Professional Development hours. Please contact David Heidlauf at [dheidlauf@ramboll.com](mailto:dheidlauf@ramboll.com) for registration details.

<http://www.aipg.org/sections/IL-IN/2016%20Jul%20IL-IN%20FieldTrip.pdf>

### 52<sup>ND</sup> FORUM ON THE GEOLOGY OF INDUSTRIAL MINERALS

#### ROLLING ON THE RIVER: INDUSTRIAL MINERALS IN THE MIDWEST

**August 22-25, 2016, Louisville, Kentucky**

The 2016 52<sup>nd</sup> FGIM will be held near the Devonian and Silurian carbonates exposed at Falls of the Ohio State Park north of Louisville, Kentucky. The FGIM includes presentations on industrial mineral topics on August 22 followed by a banquet. August 23 to August 25 consist of field trips to industrial mineral operations in Indiana, Illinois, and Kentucky. There will be a pre-meeting field trip on Sunday, August 21. For additional information, including registration, spouse trips, and sponsorship opportunities, please contact the following individuals or refer to websites: Co-Chairs: Mark E. Wolfe, [nwolfe3@columbus.rr.com](mailto:nwolfe3@columbus.rr.com); Nelson Shaffer, [shaffern@indiana.edu](mailto:shaffern@indiana.edu)

Field Trips: Zak Lasemi, [zlasemi@illinois.edu](mailto:zlasemi@illinois.edu) Facebook: <https://www.facebook.com/FotGIM/>

### INDIANA ASSOCIATION FOR FLOODPLAIN AND STORMWATER MANAGEMENT ANNUAL MEETING

**September 7-9, 2016.** Florence, Indiana.

Conference agenda can be found at this link: [http://www.inafsm.net/assets/docs/2016\\_Conference/2016-v9-agenda-7.11.16-.pdf](http://www.inafsm.net/assets/docs/2016_Conference/2016-v9-agenda-7.11.16-.pdf) Early Bird registration ends on July, 26<sup>th</sup>. <http://www.inafsm.net/annual-conference->

### GEOLOGICAL SOCIETY OF AMERICA ANNUAL MEETING

**September 25-28, 2016.** Denver, Colorado.

<http://community.geosociety.org/gsa2016/science-careers/sessions>

**ES-AAPG ANNUAL MEETING SET FOR SEPTEMBER 2016 IN LEXINGTON, KENTUCKY**

**September 25-27, 2016**

Several hundred professional geologists, as well as educators and students from around the eastern U.S., are expected to converge onto Lexington, KY, for the annual meeting of the Eastern Section of the American Association of Petroleum Geologists, September 25-27, 2016. With a theme of "Basins to Barrels," the meeting's program will focus on the opportunities and challenges of energy resources in the Appalachian, Illinois, and Michigan Basins, while offering participants the opportunity to sample the region's famous variety of bourbon whiskeys. Co-hosted by the Geological Society of Kentucky and the Kentucky Geological Survey in the heart of Bourbon Country, the 2016 meeting will be at the Lexington Convention Center complex and adjoining Hyatt Regency Hotel in downtown Lexington. Meeting organizers are planning technical sessions and workshops on current industry issues, regulations, and research. Pre- and post-meeting field trips to unique geologic features in the Bluegrass Region will be offered on the 24<sup>th</sup> and 28<sup>th</sup>.

[www.uky.edu/KGS/emsweb/esaapg16/index.html](http://www.uky.edu/KGS/emsweb/esaapg16/index.html)

**Training Opportunities**

**AAPG: TECHNICAL WRITING COURSE**

Online Course, starts 2<sup>nd</sup> of each month and runs for 4 weeks.

[Technical Writing Course](#)

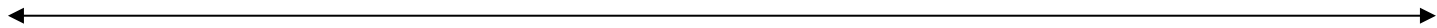
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**AQUIFER TESTING FOR IMPROVED HYDROGEOLOGIC SITE CHARACTERIZATION**

**October 18 & 19, 2016** Fort Collins, Colorado. This course is designed for ground water scientists and engineers, project managers, compliance program managers and remedial design managers. This course begins with a brief overview of hydrogeologic principles of pumping and slug testing then continues at an advanced level throughout the course to cover the range of conditions typically encountered during field investigations. Data analysis exercises include both simple and advanced pumping and slug test analyses to match the range of conditions typically encountered during field investigations. <http://www.midwestgeo.com/courses/aquifer2016-ftcollins.php>



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