

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 August 2016 PGI Newsletter. Please send announcements for the newsletter to this email:
profgeologistsofin@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.professionalgeologistsofindiana.org

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

PGI CONTINUING EDUCATION SEMINAR, SEPTEMBER 23RD, 2016

RSVP REQUIRED – LIMITED SEATING AVAILABLE

Please RSVP to profgeologistsofin@gmail.com. Refreshments will be available.

The annual PGI education seminar will be held on Friday, September 23rd, 2016 from 1-4pm at the Indiana Government Center South, Conference Room 22. We will have three speakers presenting on a variety of topics including natural gas storage, professional technical writing, and oil and gas exploration in Indiana. PGI will also give a brief talk about continuing education for professional geologists.

Schedule	Time	Presenter
Check in for attendees	12:30-1:00pm	PGI
Continuing Education for Professional Geologists	1:00-1:15pm	PGI
Speaker Introductions	1:15-1:30pm	PGI
An Overview of Natural Gas Storage in the United States and Canada	1:30-2:15pm	Dave Busch Citizens Energy Group
~Break~	2:15-2:30pm	~Break~
Think, Talk, & Write like a Professional Watch What You Say & How You Say It	2:30-3:15pm	Kim Forster Active Environmental
A Brief History of Exploration for Oil and Gas in Indiana	3:15-4:00pm	Rick Sumner

PGI ANNUAL MEETING, NOVEMBER 16TH, 2016

Please RSVP to profgeologistsofin@gmail.com

The joint PGI-Indiana Geologists Annual Meeting and Dinner will be held on November 16th at Blind Owl Brewery (5014 East 62nd 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 profgeologistsofin@gmail.com

PGI FIELD TRIP – OCTOBER 8TH, 2016

Please RSVP to profgeologistsofin@gmail.com

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 8th, 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.

PGI PROPOSED LPG STATUTE CHANGES

Professional Geologists of Indiana (PGI) strives to promote 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. Through discussion between our Board of Directors and several PGI members, and as a response to the momentum within our professional on a National level, PGI is endeavoring to revise and update our Statute (IC 25-17.6) to include the requirements for continuing education, and other pertinent items that are outdated.

The following is a highlight of some of the changes PGI is proposing for revision.

- Definition of the Public Practice of Geology;
- Terms for the Indiana Board of Licensure for Professional Geologists; and
- Continuing Education.

PGI is in the process of identifying appropriate Bill sponsors to support our effort to meet these Statute changes in the upcoming 2017 Legislative General Assembly. If you are a current, paid member of PGI, your comments on the proposed revisions will be accepted and considered until September 12, 2016, at which time PGI will finalize the proposed revisions and move forward. Please provide your comments via email to PGI at profgeologistsofin@gmail.com. PGI will hold the annual meeting on November 16, 2016 at Blind Owl, 5014 E. 62nd St, Indianapolis, IN 46220. A brief presentation will be provided by PGI covering the importance of Continuing Education, as well as a synopsis of the proposed Statute changes.

All current, paid PGI members will have the opportunity to vote on the proposed action of PGI to introduce these Statute changes to the legislature. Please note, a 2/3rds majority vote of present, paid, current members will be required to overrule the proposed revisions.

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

MEETINGS AND EVENTS

ES-AAPG 2016 - Heart of the Bluegrass State, September 25-27

The scenic heart of Kentucky's bourbon country will serve as the setting for the 45th 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.

Field trips, workshops, technical sessions

If you are planning to participate in one of the workshops or field trips we're offering just before and after the meeting, **please sign up before this Friday, Aug. 26**, to help us avoid cancelling them.

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 Now!

The event will 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 and Exhibits Chair Dan Wells at wellsconsulting@twc.com.

INDIANA GEOLOGISTS**September 14, 2016, 6:00pm**

Elbow Room, 605 North Pennsylvania St., Indianapolis.

Speaker will be Shawn Naylor from the Indiana Geological Survey speaking on:

*"New Maps on Bedrock Topography and Unconsolidated Thickness for Indiana"***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/annual-conference->**GEOLOGICAL SOCIETY OF AMERICA ANNUAL MEETING****September 25-28, 2016.** Denver, Colorado.<http://community.geosociety.org/gsa2016/science-careers/sessions>**ENVIRONMENTAL SOLUTIONS RELATED TO REAL ESTATE SEMINAR****Thursday, September 29th, 2016, MSECA.**

MSECA is pleased to announce that we are partnering with a number of commercial real estate organizations to provide education to their members on the environmental issues that they encounter. This seminar will also provide our Consultant Members an opportunity to get in front of potential customers. The Seminar will be at the Regions Tower in Downtown Indianapolis starting with breakfast at 7:00am. We will have over 3.5 hours of education along with over an hour and a half of exhibit hall time. If you're interested in participating as a sponsor or exhibitor, please see the following link:

<http://mseca.org/2016-09 - Sponsorship.php>**KENTUCKY ACADEMY OF SCIENCE ANNUAL MEETING****November 4-5, 2016, University of Louisville, Kentucky**<http://kyacademyofscience.net/programs/annual-meeting/>**GEOLOGICAL SOCIETY OF KENTUCKY/KENTUCKY ACADEMY OF SCIENCE FIELD TRIP****November 5th, 2016, Clifty Falls State Park, Indiana**

This year the Geological Society of Kentucky field trip will join the Kentucky Academy of Science Annual Meeting. Details on costs to attend the KAS geology talks and GSK field trip will be forthcoming. Please go to the GSK website for information or contact Richard Smath at rsmath@uky.edu for reservation information.

<http://www.uky.edu/OtherOrgs/GSK/> orhttp://www.uky.edu/OtherOrgs/GSK/GSK_KAS%20Field%20Trip%20Flyer.pdf

TRAINING OPPORTUNITIES

"REVIEW OF SKILLS FOR PROFESSIONAL GEOLOGIST EXAMS"

Kentucky AIPG, **Saturday, September 10th** at the KGS on the UK campus in Lexington, KY.

More details and registration are available at:

<http://ky.aipg.org/PDF/Registration%20Form%20PG%20Exam%20Review%20September%202016.pdf>

If you can't make payment before the deadline (September 3, 2016) and are considering attending, please email your intention to attend this review to Bill Brab: billbrab@gmail.com

Remember: ASBOG exam date is September 30, 2016, and registration for exam is August 8, 2016. For all the information to register go to the Kentucky Board of Registration for Professional Geologists: <http://bpg.ky.gov/Pages/ASBOG.aspx>

THE IMPACT OF UTICA-MARCELLUS ON AMERICAN NATURAL GAS RESOURCE

PGC-PTTC Workshop, **September 19, 2016, Fairmont Hotel, Pittsburgh, PA**

This workshop has been designed to create a flow from upstream gas production and resource assessments, to midstream infrastructure needs, to downstream potential for a new petrochemical industry and economic development, all due to the Marcellus and Utica Shale plays. The registration cost of \$150 covers lunch, coffee breaks, a jump drive with speaker slides and all workshop expenses. Pre-registration online is required by September 12 at:

<https://www.eventbrite.com/e/the-impact-of-utica-marcellus-on-american-natural-gas-resource-tickets-26883484225>

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>

THE ESSENTIAL STEPS FOR TAKING THE MYSTERY OUT OF THE SUBSURFACE

Midwest Geosciences Group

Step 1: THE USE AND MISUSE OF THE UNIFIED SOIL CLASSIFICATION SYSTEM: Improving Field Procedures, Techniques and Characterization. **10th November, 2016.**

Step 2: CREATING MEANINGFUL SOIL BORING LOGS. **17th November, 2016.**

Step 3: MANAGING UNANTICIPATED SUBSURFACE CONDITIONS IN THE FIELD: Achieving Efficiency and Project Objectives When Budgets Matter Most. **8th December, 2016.**

Personalized Tutorial Hands-On Workshop - Subject to availability, Various Dates and Times.

<http://www.midwestgeo.com/webinars/subsurface-2016series.php>

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