

# 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 September 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 FIELD TRIP – OCTOBER 8<sup>TH</sup>, 2016

Please RSVP to [profgeologistsfin@gmail.com](mailto:profgeologistsfin@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:

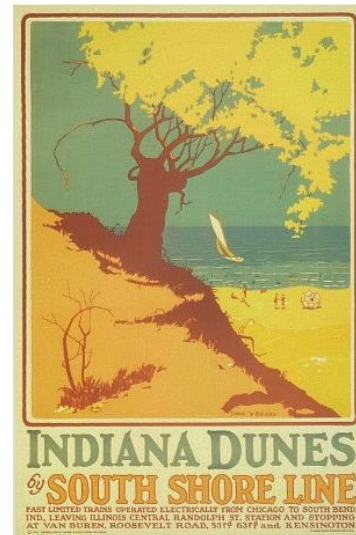
*"Beaches, dunes, and holes: lake-level, shoreline, and dune behavior along the southern shore of Lake Michigan"*

The trip will be held on Saturday, October 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. Cost is \$10 per person with a box lunch provided. Please note that you will have to provide your own transportation to and from the Dunes.

Participants are to meet at 9:30am at:

Paul H. Douglas Center for Environmental Education  
100 North Lake Street  
Gary, IN 46403  
(219) 395-1821  
GPS Coordinates: 41.606392, -87.268604

**Car Pooling:** Juliet Port is looking for field trip participants who wish to carpool to the field trip from Indianapolis. Please contact Juliet at [Juliet.port@parsons.com](mailto:Juliet.port@parsons.com) if you are interested.



## PGI ANNUAL MEETING, NOVEMBER 16<sup>TH</sup>, 2016

Please RSVP to [profgeologistsofin@gmail.com](mailto:profgeologistsofin@gmail.com)

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 [profgeologistsofin@gmail.com](mailto:profgeologistsofin@gmail.com)

## 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.

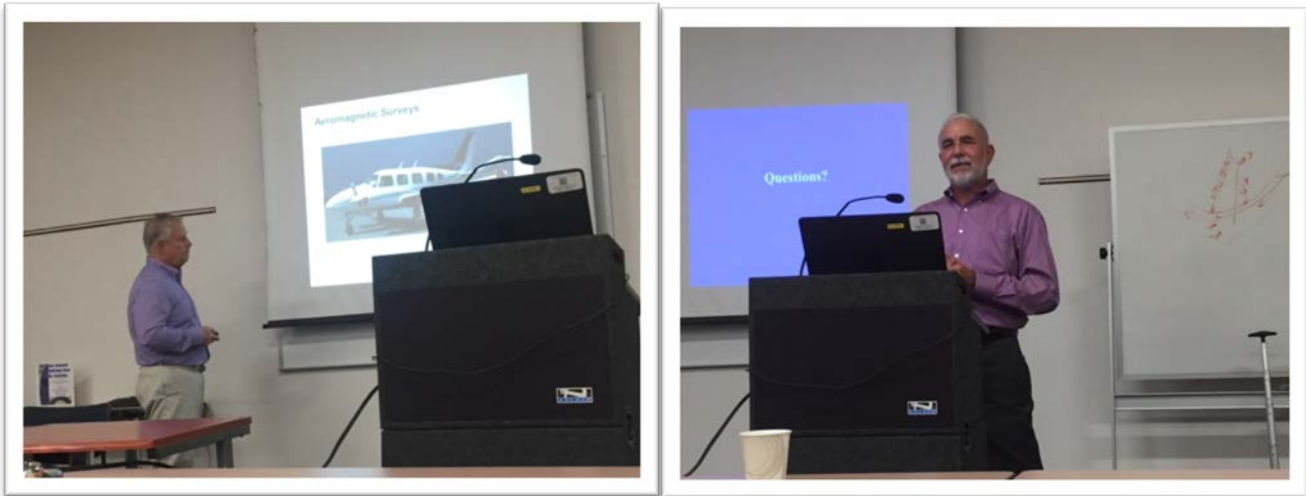
PGI is in the process of identifying appropriate Bill sponsors to support our effort to meet these Statute changes in the upcoming 2017 Legislative General Assembly. PGI will hold the annual meeting on November 16, 2016 at Blind Owl, 5014 E. 62nd St, Indianapolis, IN 46220. A presentation will be provided by PGI covering the importance of Continuing Education, as well as a synopsis of the proposed Statute changes. Please note a 2/3rds majority vote of present, paid, current members will be required to overrule the proposed revisions.

## PGI CONTINUING EDUCATION SEMINAR WRAP UP

The annual PGI education seminar was held on Friday, September 23<sup>rd</sup>, 2016 from 1-4pm at the Indiana Government Center South. The three speakers presented talks on natural gas storage, professional technical writing and oil and gas exploration in Indiana. PGI would like to thank our three speakers – Dave Busch, Kim Forster and Rick Sumner – and all those who attended.

(Left) Kim Forster speaking on 'dirty words' in technical writing. Photo courtesy of Angela Kattmann.





Rick Sumner on Oil & Gas Exploration in Indiana (left) and Dave Busch on natural gas storage in the Midwest (right)  
Photos courtesy of Angela Kattmann.

## 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

**October 12, 2016, 6:00pm**

Elbow Room, 605 North Pennsylvania St., Indianapolis.

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

*"Relating Near-Surface Groundwater Recharge to Aquifer Sensitivity"* by Dr. Sally Letsinger

### INDIANA ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS

**October 13, 2016, 6:00pm**

October Networking Social, Union Jack's on the West Side.

### 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 5<sup>th</sup>, 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](mailto:rsmath@uky.edu) for reservation information.

<http://www.uky.edu/OtherOrgs/GSK/> or

[http://www.uky.edu/OtherOrgs/GSK/GSK\\_KAS%20Field%20Trip%20Flyer.pdf](http://www.uky.edu/OtherOrgs/GSK/GSK_KAS%20Field%20Trip%20Flyer.pdf)

## TRAINING OPPORTUNITIES

### 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. **10<sup>th</sup> November, 2016.**

Step 2: CREATING MEANINGFUL SOIL BORING LOGS. **17<sup>th</sup> November, 2016.**

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

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

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

## THANKS TO OUR CORPORATE SPONSORS

