

# Improving the Description and Characterization of Glacial Deposits

## For Hydrogeologic and Geotechnical Projects

Take the mystery out of the subsurface by sharpening your observational skills and learning how glacial deposits relate to ground water and geotechnical projects.

Date:

**June 9, 2016**

Location:

**Indianapolis, Indiana**

*Clay Terrace in Carmel*

Instructors:

**Timothy G. Fisher, PhD**

University of Toledo

**Daniel L. Kelleher, PG, CIPM**

Midwest GeoSciences Group

Continuing Education:

**7.0 Contact Hours  
(0.7 CEUs)**

CEU Certificate Available From  
Northern Illinois University

*"This course is excellent.  
... it should become the  
standard for logging in  
glacial deposits."*

- Tom George,  
Senior Geologist

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GEOSCIENCES  
group**  
www.midwestgeo.com



### Applications:

- Learn geologic context for characterizing permeability
- Identify suitable monitoring units in the field
- Apply rationale geotechnical testing / environmental sampling

### Get more from fewer soil borings:

- Identify common problems we all face during hydrogeologic and geotechnical projects: confusing terminology, overlapping standards, and hybrid soil classification methods.
- Learn and practice classifying sediments according to the USCS and USDA textures.
- Relate the key descriptive elements to geology vs engineering projects.
- Learn how fine-grained stratigraphic units control ground water movement.
- Assess field data for meaningful monitoring well placement and geotechnical testing
- Inspect continuous soil core during afternoon workshop

*"This course is a MUST for anyone working in glacial deposits."*

-Claire Milloy, WB Betty & Associates, Inc.

*"....the most relevant workshop I ever attended."*

- Sarah Finley, Indiana Department of Environmental Management

### REGISTRATION

Improving the Description and Characterization  
of Glacial Deposits for Hydrogeologic and  
Geotechnical Projects  
June 9, 2016

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Course Fee:

Register Now ..... \$299.00

After June 1 ..... \$599.00

### Optional Extras:

4 Soil Samples ..... \$149.00

Color Notebook ..... \$89.00

CEU Certificate ..... \$20.00

Total: \_\_\_\_\_

Check Enclosed

VISA  MasterCard

VISA / MC NUMBER \_\_\_\_\_ EXP \_\_\_\_\_

CARDHOLDER NAME \_\_\_\_\_

Purchase Order \_\_\_\_\_

Mail completed form with payment to:  
Midwest GeoSciences Group  
1950 Greyhound Pass, Suite 18-200  
Carmel, IN 46033-7630

\*For early registration, payment must be received before June 1, 2016. Cancellations may be made up to June 1, 2016, however 35% of the fee will be charged. Extras delivered during the course. No refunds. Questions? Call Customer Service at 763.607.0092 or email [service@midwestgeo.com](mailto:service@midwestgeo.com). Details about the extras online. Or register now at [midwestgeo.com](http://midwestgeo.com)