

Registration:

Name: _____

Title: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____

How did you hear about the workshop?
() email () direct mail () other _____

Professional License: _____

Specialty/discipline _____

Years experience working in Tri-State: _____

Workshop covers 8 hours of continuing education for engineers and includes lunch and transportation to and from field sites.

Please notify us if you have any dietary or mobility restrictions. Remit application and check of \$575 made payable to Ohio Valley Landslides, 3869 Kilbourne Avenue, Cincinnati, Ohio 45209. No refunds given within two weeks of workshop offering. Any questions can be directed to 513-321-3391.

www.OHIOVALLEYLANDSLIDES.com

**Ohio Valley Landslides LLC
3869 Kilbourne Avenue
Cincinnati, Ohio 45209**

LABEL



LANDSLIDE RECOGNITION: OFFICE AND FIELD IDENTIFICATION WITH EMPHASIS ON GLACIAL GEOLOGY & LANDSLIDE MORPHOLOGY

A SHORT COURSE OFFERED BY OHIO VALLEY LANDSLIDES LLC

TIM AGNELLO, PG, CPG
BARRY MAYNARD, PHD

A hands-on workshop for engineers & other interested professionals. Meets 8 hours of PE Continuing Education in Ohio & Kentucky.

Workshop Location:
Cincinnati Area Board of Realtors
off of Galbraith/Ronald Reagan
Cross County Highway at 14
Knollcrest Drive. Directions by
phone at 761-8800.

October 24th 8:00-4:15 pm (8hrs CE)

LANDSLIDE RECOGNITION: OFFICE AND FIELD IDENTIFICATION WITH EMPHASIS ON GLACIAL GEOLOGY & LANDSLIDE MORPHOLOGY

PURPOSE

To provide the professional with the background necessary to assist in the identification of landslide morphology in the field and through an office investigation.

To provide the professional with an overview of glacial geology and lacustrine clay deposits.

To provide continuing education for the professional engineer, surveyor, or engineer in training.

WORKSHOP BENEFITS

- Hands-on recognition of landslide features.
- Office work confirmed in the field.
- Geology relevant to the tri-state region.
- Recognition of subdued landslide features.
- Colluvial & lacustrine landslides examined.

WORKSHOP INCLUDES

Workshop includes refreshments, box lunch, transportation to field sites and guide. Bring your boots (the field trip will include hiking along a creek bed to observe and collect lake clay samples and hiking on a hillside).

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INSTRUCTORS:

BARRY MAYNARD, PhD

Barry is Professor of Geology in UC's College of Arts and Sciences, where he has taught since 1972. He is the author or co-author of 6 books on geology, including "Mud and Mudstone", Springer 2005. He has extensive research experience in environmental engineering, including groundwater contamination and acid mine drainage, and has consulted for mining companies in South Africa, Australia, and Mexico. He has taught geologic aspects of slope stability to students in geology and engineering since 1990.

TIM AGNELLO, PG, CPG

Tim has an M.S. in engineering geology from the University of Cincinnati. His engineering geology study for the City of Cincinnati covering a 170 acre hillside area relates past land use practices to landsliding. The study is utilized by the City of Cincinnati Geotechnical Division and the City Planning Department. Tim was the field leader for the Northern Kentucky Landslide Workshop which was sponsored by the Kentucky Geological Survey and the Northern Kentucky Area Planning Commission. Tim is a Kentucky Registered Professional Geologist and recognized nationally as a Certified Professional Geologist.

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WORKSHOP

This Workshop is offered Friday October 24th, 8:00am to 4:15pm. 8 hours of Continuing Education and the cost is \$575. There are 2.75 hours of classroom instruction; the balance is a field inspection of a severely damaged subdivision; comparison of an adjacent property built to accommodate slide risk and inspection of an undeveloped parcel with subtle sliding. A part of the afternoon will be spent in ground-truthing of landslide features observed on topographic maps during the classroom session. We will also examine maps of the lake clay thickness and bedrock surface based on extensive soil borings and compare these to features in the field.

The workshop will emphasize the illustration in the field of principles developed in the classroom. The session provides a unique opportunity to see the effect of the underlying geology on the disturbance of the surface, and how soil movements in turn affect the built environment.

The workshop is for professionals familiar with the Cincinnati area or those interested in learning about the local terrain. The workshop covers the geology and history of past land use. The course starts and finishes at the Cincinnati Area Board of Realtors at 14 Knollcrest Drive.

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