

HalfMoon Education Live Continuing Education Seminar and Webinar

Slope Stabilization and Landslide Prevention in the Great Lakes Region

Mackinaw City, MI or Online - Friday, September 9, 2022 | 8:30 am - 4:30 pm EDT

Credits:

Professional Engineers: 6.5 PDHs

Architects: 6.5 HSW CE Hours AIA: 6.5 LU/HSW

Landscape Architects: 6.5 HSW CE Hours LA CES: 6.5 HSW PDHs

International Code Council: .65 CEUs (Sitework)

Floodplain Managers: 6.5 ASFPM CECs

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Webinar Agenda | Friday, September 9, 2022 | 8:30 am - 4:30 pm EDT (including a 60-min. break)

Types of Slopes and Failures

- Natural slopes
- Engineered slopes
- Creep failures
- Rock slides – fall/topple failures
- Rotational, translational, multiple/compound failures
- Spread and flow failures
- Typical causes of slope failures

Brief Overview of Soil Mechanics

- Soil effective pressure
- Soil shear strength
- Drained vs. undrained strength

Slope Stability Evaluation

- Understanding geology and site conditions/topography
- Evaluating surface and groundwater conditions
- Instrumentation
- Basic concepts of slope stability evaluation
- Limit equilibrium analysis
- Stability computer programs (includes demonstration)

Slope Stabilization Methods

- Use of vegetation
- Surface protection
- Unloading
- Buttressing
- Drainage
- Reinforcing
- Earth retention structures
- Geosynthetics
- Rock slope stabilization
- Shoreline management

Slope Stabilization Case Studies

22 MISLSALP 9 9 MACY AM/22 MISLSALP 9 9 WEBC AM

Presented by

Jeffrey L. Snyder, PE

Senior Geotechnical Engineer at GHD Services, Inc.

Live Seminar Location:

Bridge Vista Beach Hotel & Convention Center

1027 South Huron Avenue

Mackinaw City, MI 49701

(231) 436-9812

Online Webinar Information:

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar.

For system requirements, please visit the FAQ section of our website, or visit www.gotowebinar.com.

Tuition

\$319 for individual registration

\$289 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

A printed manual is available for an additional cost upon request. Please call to order.

Credit Information

This seminar and webcast are open to the public and are designed to qualify for 6.5 PDHs for professional engineers, 6.5 HSW continuing education hours for licensed architects, and 6.5 HSW continuing education hours for landscape architects in Michigan.

Professionals seeking continuing education credits in other states will be able to claim the hours earned from this course, in most cases. Refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers, architects and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2), §69.6(i)(2) and §79-1.5(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.5 LU/HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs. Only full participation is reportable to the LA CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

This course has been approved by the Association of State Floodplain Managers for 6.5 CECs for floodplain managers.

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Learn More and Register:
www.halfmoonseminars.org

Customer Service (715) 835-5900 Ext. 1

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Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.