Soil Mechanics, Bearing Capacity and Slope Stabilization

Online Webinar - Tuesday, March 17, 2020

You’ll be able to:

**Understand** the properties of soils, and discuss the need to conduct soil investigations to determine the appropriate type of foundation for the building site.

**Understand** the hydraulic and mechanical properties of site soils, paying particular attention to soil compressibility and permeability and their impact on foundation design.

**Calculate** soil bearing capacity for shallow foundations, piers and piles.

**Increase** bearing capacity through draining, compaction and soil improvement.

**Learn** why slopes fail, and describe slope stabilization methods to prevent slope failure and landslides.

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**Learning Objectives**

**Exploring soil investigation procedures**

**Review** hydraulic and mechanical properties of soils and learn about stress and failure soils

**Examine** the bearing capacity of shallow foundations, piers and piles

**Understand** slope failures and the impact of surface and groundwater

**Compare** slope stabilization methods, such as unloading and draining

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**Continuing Education Credits**

**Professional Engineers**

6.5 PDHs

**Landscape Architects**

6.5 HSW Contact Hours

6.5 LA/CES HSW PDHs

**Architects**

6.5 HSW Continuing Ed. Hours

6.5 AIA LU|HSW

**Construction Contractors**

Non-Credit Continuing Ed.

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Webinar instructions and login information will be provided in an email sent close to the date of the webinar. To register, please fill out the attached form or visit us at: www.halfmoonevents.org/webinars/
Webinar Series

Structural Forensic Engineering

- Overview of the Role of Forensic Engineering
  Thu., April 16, 2020, 11:00 - 12:30 PM CDT
- Forensic Engineering Process and Forensic Engineering Report
  Thu., April 16, 2020, 1:00 - 5:00 PM CDT
- Causes of Structural Failures
  Fri., April 17, 2020, 11:00 - 12:30 PM CDT
- Forensic Examination of Structures and Use in Litigation
  Fri., April 17, 2020, 1:00 - 5:00 PM CDT

Water Conservation

- Reviewing the Owner’s Commitment to Water Conservation and Applicable Codes and Standards
  Thu., April 23, 2020, 11:00 AM - 12:30 PM CDT
- Assessing the Building Site
  Thurs., April 23, 2020, 1:00 - 2:00 PM CDT
- Conserving and Reducing Water Use
  Fri., April 24, 2020, 11:00 AM - 1:00 PM CDT
- Onsite Water Recycling and Minimizing Water Use
  Fri., April 24, 2020, 1:30 - 3:30 PM CDT

Special Inspections under the IBC Chapter 17

- Special Inspections under the IBC Chapter 17, Part I
  Wed., April 29, 2020, 11:00 AM - 2:15 PM CDT
- Special Inspections under the IBC Chapter 17, Part II
  Thurs., April 30, 2020, 11:00 AM - 2:15 PM CDT

For more information and other online learning opportunities visit: www.halfmoonseminars.org/webinars/

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!
A full recording of this seminar is starting at 527, which includes shipping and handling. This learning method does not qualify for the continuing education credit in Ohio or for the AIA/CES and LA/CES. Please allow five weeks from the seminar date for delivery.

Registration

Soil Mechanics, Bearing Capacity and Slope Stabilization
Online Webinar - Tuesday, March 17, 2020

Log into Webinar  Break  Log into Webinar
8:00 - 8:30 am       12:30 - 1:30 pm  8:30 am - 12:30 pm  1:30 - 5:00 pm
Morning Session  Afternoon Session

Tuition
$299 for individual registration
$279 for three or more registrations.

How to Register
- Visit us online at www.halfmoonseminars.org/webinars/ or mail-in or fax the attached form to 715-835-6066.
- Call customer service at 715-835-5900.

Cancellations: Cancellations within 48 hours will receive a full tuition refund, minus a $39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.

Continuing Education Credit Information
This live lecture presentation is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSWs. This course offers 6.5 PDHs to professional engineers and 6.5 HSWs. Cancellations or transfers will lose 100% of the registration fee.

Jeffrey L. Snyder, PE Senior Geotechnical Engineer at GHD Services, Inc.
Mr. Snyder is a geotechnical professional for transportation, commercial, industrial and municipal projects throughout the upper Midwest including in Ohio, Michigan, Illinois, Indiana, Pennsylvania, and Kentucky. He provides analyses and recommendations for shallow and deep foundation systems as well as landslide evaluation and remediation. He has co-authored several papers on lateral driving behavior of driven pile foundations. Mr. Snyder earned his B.S. and M.S. degrees in Civil Engineering from Brigham Young University.

Additional Registrants:
$279.00
$299.00
$279.00
$299.00

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