Faculty Information

Learn more about our distinguished faculty at www.halfmoonseminars.org

Commercial Solar Peaker Batteries
JR Cromer is a master electrician, with a mechanical engineering degree, and he is a North American Board of Certified Energy Practitioners (NABCEP)-certified PV installation professional.

Pumping and Piping Systems
George Walters III, PE, CPD, is a mechanical engineer at BMH Engineering LLC and is certified in plumbing design through the American Society of Plumbing Engineers.

Pavement Design
Hesham Ali, Ph.D., P.E., C.P.M. is a green paving professor of practice at Florida International University with over 21 years of civil engineering experience, mostly in pavement design, analysis and construction

Ethical Issues for Engineers
Danielle E. Cohen is an attorney with Tesser & Cohen in Hackensack, New Jersey.

Foundations in Cold Regions
Steven M. Halcomb, P.E., G.E., is a senior engineer at CRW Engineering Group, LLC, and has over ten years of geotechnical, structural, marine, and cold regions engineering experience.

Soil Mechanics and Slope Stability
Dr. John C. Lommler, Ph.D., P.E., D.GE, is the principal geotechnical engineer with Wood Environment and Infrastructure and has over 45 years of civil, structural and geotechnical experience.

Designing for Climate Resilience
Dr. Jairo Garcia an expert in sustainable urban development, carbon mitigation, and climate resiliency whose experience includes performing spatial data analysis for ecological assessments and identifying climate vulnerabilities and risks analysis.

Webinar Instructions

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited.

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Webinars are presented via **GoToWebinar**, an easy-to-use application that can be run on most systems and tablets. Instructions and login information will be provided in an email sent close to the date of the webinar. ***It is highly recommended that you download, install and test the application before the webinar begins by clicking on the link in the email.***

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February Webinar Series
- Commercial Solar Peaker Batteries
- Pumping and Piping Systems
- Pavement Design
- Ethical Issues for Engineers
- Foundations in Cold Regions
- Soil Mechanics and Slope Stability
- Designing for Climate Resilience

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- Pumping and Piping Systems
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- Ethical Issues for Engineers:
  Complying with Rules of Professional Conduct
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- Soil Mechanics and Slope Stability
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February Webinar Series

Commercial Solar Peaker Batteries
Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW

Pumping and Piping Systems
Engineers: 6.0 PDHs

Pavement Design
Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: 7.0 LU|HSW

Ethical Issues for Engineers: Complying with Rules of Professional Conduct
Engineers: 1.0 PDH

Foundations in Cold Regions
Engineers: 5.5 PDHs Architects: 5.5 HSW CE Hours AIA: 5.5 LU|HSW

Soil Mechanics and Slope Stability
Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: 7.0 LU|HSW

Designing for Climate Resilience
Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: 7.0 LU|HSW

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AIA Continuing Education Provider

Commercial Solar Peaker Batteries

Series Tuition: ~~$300~~ **$250** when you register for both webinars
Total Credits: **Engineers**: 6.0 PDHs **Architects**: 6.0 HSW CE Hours **AIA**: 6.0 LU|HSW

Commercial Solar Peaker Batteries, Part I
Wednesday, February 5, 2020, 11:00 AM - 2:15 PM CST (incl. 15 min. break) **Tuition**: $150

Commercial Solar Peaker Batteries, Part II
Thursday, February 6, 2020, 11:00 AM - 2:15 PM CST (incl. 15 min. break) **Tuition**: $150

Pumping and Piping Systems

Series Tuition: ~~$300~~ **$250** when you register for all four webinars
Total Credits: **Engineers**: 6.0 PDHs

Introduction to Pumps: Operation, Principles and Calculations
Thursday, February 6, 2020, 11:00 AM - 1:00 PM CST **Tuition**: $100

Pumping and Piping Design Standards and Codes
Thursday, February 6, 2020, 1:30 - 2:30 PM CST **Tuition**: $50

Piping System Components, Materials and Calculations
Friday, February 7, 2020, 11:00 AM - 1:00 PM CST **Tuition**: $100

Handling Pump and Piping System Problems
Friday, February 7, 2020, 1:30 - 2:30 PM CST **Tuition**: $50

Pavement Design

Series Tuition: ~~$350~~ **$300** when you register for all four webinars
Total Credits: **Engineers**: 7.0 PDHs **Architects**: 7.0 HSW CE Hours **AIA**: 7.0 LU|HSW

Principles of Pavement Design
Wednesday, February 12, 2020, 11:00 AM - 12:00 PM CST **Tuition**: $50

Flexible Pavement Design
Wednesday, February 12, 2020, 12:30 - 2:30 PM CST **Tuition**: $100

Rigid Pavement Design
Thursday, February 13, 2020, 11:00 AM - 1:00 PM CST **Tuition**: $100

Maintenance, Rehabilitation and Sustainability of Pavements
Thursday, February 13, 2020, 1:30 - 3:30 PM CST **Tuition**: $100

Ethical Issues for Engineers: Complying with Rules of Professional Conduct

Friday, February 14, 2020, 12:00 - 1:00 PM CST **Tuition**: $50
Credits: Engineers: 1.0 PDHs

Foundations in Cold Regions

Series Tuition: ~~$275~~ **$250** when you register for all four webinars
Total Credits: **Engineers**: 5.5 PDHs **Architects**: 5.5 HSW CE Hours **AIA**: 5.5 LU|HSW

Introduction to Foundations in Cold Regions
Thursday, February 20, 2020, 11:00 AM - 12:30 PM CST **Tuition**: $75

Shallow Foundation Design in Cold Regions
Thursday, February 20, 2020, 1:00 - 2:30 PM CST **Tuition**: $75

Deep Foundation Design in Cold Regions
Friday, February 21, 2020, 11:00 AM - 12:30 PM CST **Tuition**: $75

Foundation Construction in Cold Regions
Friday, February 21, 2020, 1:00 - 2:00 PM CST **Tuition**: $50

Soil Mechanics and Slope Stability

Series Tuition: ~~$350~~ **$300** when you register for all four webinars
Total Credits: **Engineers**: 7.0 PDHs **Architects**: 7.0 HSW CE Hours **AIA**: 7.0 LU|HSW

Soil Investigation and Classification
Tuesday, February 25, 2020, 11:00 AM - 1:00 PM CST **Tuition**: $100

Reviewing Hydraulic and Mechanical Properties of Soils
Tuesday, February 25, 2020, 1:30 - 3:00 PM CST **Tuition**: $75

Determining and Increasing Bearing Capacity
Wednesday, February 26, 2020, 11:00 AM - 1:00 PM CST **Tuition**: $100

Determining and Increasing Slope Stability
Wednesday, February 26, 2020, 1:30 - 3:00 PM CST **Tuition**: $75

Each webinar can be taken individually. For credit breakdown, and to see detailed webinar information including agendas, please visit us at:

www.halfmoonseminars.org/webinars/

Designing for Climate Resilience

Series Tuition: ~~$350~~ **$300** when you register for all four webinars
Total Credits: **Engineers**: 7.0 PDHs **Architects**: 7.0 HSW CE Hours **AIA**: 7.0 LU|HSW

Current and Anticipated Climate Effects on Structures and Communities
Wednesday, March 11, 2020, 11:00 AM - 12:30 PM CDT **Tuition**: $75

Assessing the Impact of Sea Level Rise, Changing Temperature and Changing Weather Patterns
Wednesday, March 11, 2020, 1:00 - 3:00 PM CDT **Tuition**: $100

Studying the Impact of Extreme Weather Events on Structures and Communities
Friday, March 13, 2020, 11:00 AM - 12:30 PM CDT **Tuition**: $75

Adapting Sites, Outdoor Spaces, New Construction and Existing Buildings to Withstand Extreme Weather Events
Friday, March 13, 2020, 1:00 - 3:00 PM CDT **Tuition**: $100

Continuing Education Credit Information

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Participation and knowledge retention will be verified for these webinar events. Certificates of completion will be provided upon successful completion of the quiz following the end of each webinar, and earned LUs (AIA/CES) and PDHs (LA/CES) will be reported by HalfMoon Education Inc.