

# Faculty Information

Learn more about our distinguished faculty at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)

## Foundation Damage and Repair

**Michael Perlow Jr., P.E.** is a retired civil and geotechnical engineer with more than 40 years of experience in foundation and geotechnical engineering with special technical expertise in geo-environmental hazard assessments, failure investigations, sinkhole stabilization, and foundation and utility infrastructure repair. He is a registered professional engineer with BSCE and MSCE degrees from Lehigh University. Mr. Perlow is also the author of some 35 technical publications and has presented at numerous conferences, seminars and professional society meetings.

## Solar Photovoltaic Project Design and Development

**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.

## International Residential Code

**Edward L. Fronapfel** holds a B.S. degree in Civil Engineering and a M.S. degree in Civil Engineering with an emphasis in forensic and structural engineering. He is a board certified building inspection engineer through the National Academy of Building Inspection Engineers and a fellow member of the National Academy of Forensic Engineers. In addition, Mr. Fronapfel is a level 2 thermographer and a level 2 post tension examiner. He is certified by the National Association of Certified Home Inspectors and is a third party Exterior Design Institute inspector. He teaches as an adjunct professor at the University of Denver in the Burns School of Real Estate and Construction Management.

## Erosion and Sediment Control

**Shoots Veis, P.E.**, is a senior project engineer focusing on municipal and telecommunication engineering assignments involving water and wastewater systems, land development, permitting and project management. He has been involved with stormwater and environmental permitting for nearly two decades. In order to help engineers with their communication, Mr. Veis has published *Public Speaking for Engineers*. He was named a top 20 under 40 construction professional by *ENR Mountain States* magazine, a rising star in civil engineering by *CE News* magazine, the outstanding young engineer by the Billings Engineers Club, and one of forty under 40 who made a difference in Billings.

## Construction Cost Estimating

**Ha Yeung (Henry) Yu, P.E., LEED Green Associate, CTS**, is a senior cost engineer at the Port Authority of New York and New Jersey. He is a licensed professional engineer, a LEED green associate and a certified technology specialist who has extensive experience in planning and managing diverse domain construction projects ranging from medium to large-scale industries. Mr. Yu's areas of expertise includes heavy civil construction, cost estimating, value engineering, project scheduling, feasibility studies, and risk analysis. Mr. Yu has been teaching cost estimating and project management lectures for more ten years for the New York City Local 3 electricians, plumbers, carpenters and workers of other trades at the SUNY Empire State College and the Mechanics Institute of the General Society of Mechanics and Tradesmen.

## Introduction to HEC-HMS

**Mary L. Paist-Goldman, P.E.**, has 20 years of experience in water resource engineering with a particular focus in hydrologic and hydraulic modeling. She is an experienced modeler and has worked extensively on design and analysis using HEC-HMS, HEC-RAS, HydroCAD and XP-SWMM. Ms. Paist-Goldman has extensive expertise with stream stabilization and restoration and with dams including dam breach analyses and dam removal design. She has also prepared inundation mapping, emergency action plans, operation and maintenance manuals and dam inspection reports for low to high-hazard dams. Ms. Paist-Goldman is an expert at navigating regulatory framework for complex design. She has expertise in the fields of stormwater management, regulatory compliance, stream restoration, hydrology and hydraulics, wetland mitigation and wastewater management. She served as principal engineer and director of engineering services at Princeton Hydro, LLC.

## March Webinar Series

- Foundation Damage and Repair
- Solar Photovoltaic Project Design and Development
- International Residential Code
- Erosion and Sediment Control
- Construction Cost Estimating
- Introduction to HEC-HMS



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# March Webinar Series

## Foundation Damage and Repair

- Wednesday, March 4, and Thursday, March 5

## Solar Photovoltaic Project Design and Development

- Wednesday, March 4, and Thursday, March 5

## International Residential Code

- Thursday, March 12, and Friday, March 13

## Erosion and Sediment Control

- Thursday, March 12, Thursday, March 19, Thursday, March 26, and Thursday, April 2

## Construction Cost Estimating

- Thursday, March 19, and Friday, March 20

## Introduction to HEC-HMS

- Thursday, March 26, and Friday, March 27



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# March Webinar Series



## Foundation Damage and Repair

Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW

## Solar Photovoltaic

## Project Design and Development

Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW

## International Residential Code

Engineers: 6.5 PDHs ICC: .65 CEUs (Building)  
Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW

## Erosion and Sediment Control

Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours AIA: Pending  
Landscape Architects: 6.0 HSW CE Hours LA/CES: 6.0 HSW PDHs  
Floodplain Managers: 6.0 ASFPM CECs

## Construction Cost Estimating

Engineers: 7.0 PDHs Architects: 7.0 CE Hours AIA: 7.0 LU|Elective

## Introduction to HEC-HMS

Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: Pending  
Landscape Architects: 7.0 HSW CE Hours LA/CES: Pending  
Floodplain Managers: 7.0 ASFPM CECs

*Each webinar in these series earns continuing education credit.  
The credit hours shown above are for all webinars in each series.*

To register and to view webinar agendas visit us online at:  
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## Foundation Damage and Repair

Series Tuition: ~~-\$300~~ **\$250** when you register for all four webinars

**Total Credits:** Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW

### Design & Geo-Environmental Loading, Building Codes, Soil Properties

Wednesday, March 4, 2020, 11:00 AM - 12:30 PM CST

**Tuition:** \$75

### Foundation-Slab-Wall Design and Construction

Wednesday, March 4, 2020, 1:00 - 2:30 PM CST

**Tuition:** \$75

### Evaluation of Foundation-Slab Damage and Repair Alternatives

Thursday, March 5, 2020, 11:00 AM - 12:30 PM CST

**Tuition:** \$75

### Evaluation of Foundation Wall Damage and Repair Alternatives

Thursday, March 5, 2020, 1:00 - 2:30 PM CST

**Tuition:** \$75

## Solar Photovoltaic Project Design and Development

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

### Solar Photovoltaic Project Design and Development, Part I

Wednesday, March 4, 2020, 11:00 AM - 2:15 PM CST (incl. 15 min. break)

**Tuition:** \$150

### Solar Photovoltaic Project Design and Development, Part II

Thursday, March 5, 2020, 11:00 AM - 2:15 PM CST (incl. 15 min. break)

**Tuition:** \$150

## International Residential Code

Series Tuition: ~~-\$325~~ **\$275** when you register for all four webinars

**Total Credits:** Engineers: 6.5 PDHs ICC: .65 CEUs (Building)

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

### Development and Enforcement of International Residential Code

Thursday, March 12, 2020, 11:00 AM - 12:00 PM CDT

**Tuition:** \$50

### IRC Building Planning and Shell Construction, Part I

Thursday, March 12, 2020, 12:30 - 2:30 PM CDT

**Tuition:** \$100

### IRC Building Planning and Shell Construction, Part II

Friday, March 13, 2020, 11:00 AM - 12:30 PM CDT

**Tuition:** \$75

### IRC Energy Efficiency and Building Systems

Friday, March 13, 2020, 1:00 - 3:00 PM CDT

**Tuition:** \$100

## Erosion and Sediment Control

Series Tuition: ~~-\$300~~ **\$250** when you register for all four webinars

**Total Credits:** Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours AIA: Pending

Landscape Architects: 6.0 HSW CE Hours LA/CES: 6.0 HSW PDHs

Floodplain Managers: 6.0 ASFPM CECs

### Erosion and Sediment Control Requirements and Practices

Thursday, March 12, 2020, 12:30 - 2:00 PM CDT

**Tuition:** \$75

### Selection of Erosion Control Practices and Best Practices

Thursday, March 19, 2020, 12:30 - 2:00 PM CDT

**Tuition:** \$75

### Small Channels, Control Measure Estimating and Pollution Prevention Plans

Thursday, March 26, 2020, 12:30 - 2:00 PM CDT

**Tuition:** \$75

### Stormwater Management Inspection, Maintenance and Case Studies

Thursday, April 2, 2020, 12:30 - 2:00 PM CDT

**Tuition:** \$75

## Construction Cost Estimating

Series Tuition: ~~-\$350~~ **\$300** when you register for all four webinars

**Total Credits:** Engineers: 7.0 PDHs Architects: 7.0 CE Hours AIA: 7.0 LU|Elective

### Introduction to Cost Estimating

Thursday, March 19, 2020, 11:00 AM - 12:30 PM CDT

**Tuition:** \$75

### Cost Components – A Closer Look at the Estimates

Thursday, March 19, 2020, 1:00 - 3:00 PM CDT

**Tuition:** \$100

### Cost Estimate Organization and Examples

Friday, March 20, 2020, 11:00 AM - 1:00 PM CDT

**Tuition:** \$100

### Cost Estimating Topics

Friday, March 20, 2020, 1:30 - 3:00 PM CDT

**Tuition:** \$75

## Introduction to HEC-HMS

Series Tuition: ~~-\$350~~ **\$300** when you register for all four webinars

**Total Credits:** Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: Pending

Landscape Architects: 7.0 HSW CE Hours LA/CES: Pending

Floodplain Managers: 7.0 ASFPM CECs

### Hydrologic Principles and Analysis

Thursday, March 26, 2020, 11:00 AM - 12:30 PM CDT

**Tuition:** \$75

### HEC-HMS Application User Interface

Thursday, March 26, 2020, 1:00 - 3:00 PM CDT

**Tuition:** \$100

### Model Output and Troubleshooting

Friday, March 27, 2020, 11:00 AM - 12:30 PM CDT

**Tuition:** \$75

### Large Watershed Model and Other Applications

Friday, March 27, 2020, 1:00 - 3:00 PM CDT

**Tuition:** \$100

## Continuing Education Credit Information

These live, interactive webinars are designed to qualify for engineer, architect and/or landscape architect continuing education credit in most states. Course participants need to be aware of any state continuing education restrictions/limitations on online learning. See each webinar listing for offered credits.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina, and North Dakota. HalfMoon Education is deemed a New York-approved continuing education provider for 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).

The Erosion and Sediment Control series and the HEC-HMS series webinars have been approved by the Association of State Floodplain Managers for the indicated CECs.

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.

### 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.

Certificates of completion will be available upon completion of a quiz, which will be emailed shortly after each webinar.

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.**

For more system requirements and more information visit the **Support** section at [www.gotowebinar.com](http://www.gotowebinar.com).

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

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