

Faculty and Credit Information

Off-grid Photovoltaic Master Class

John-Ross Cromer is a master electrician with a Mechanical Engineering degree from the University of Pennsylvania, and he is a NABCEP-certified PV installer. Mr. Cromer is the author of *Solar Power Design and Development: An Introduction to Rooftop Solar*. He brings ten years of solar project experience including residential, commercial, and small utility-scale projects to his work, including an off-grid, residential-sized home.

Stormwater Management Systems

David Duvall, CPESC, has been working in the storm water industry since 2006. He has been working with accenaGroup since 2008 where he oversees SWPPP production, inspector training, support, MS4 operations, and post-construction operations. Mr. Duvall has performed hundreds of storm water inspections on construction and industrial sites. He has also written and reviewed hundreds of SWPPP documents. Mr. Duvall is a certified professional in erosion and sediment control (CPESC) and a certified inspector of sediment and erosion controls (CISEC). He is a Graduate of Brigham Young University in Geography with an emphasis in Physical and Environmental Studies and a graduate of University of Denver in Geographic Information Systems.

Floodplain Mapping and Regulation

Wendy Lathrop, PLS, CFM, is president and owner of Cadastral Consulting. She is licensed as a professional land surveyor in New Jersey, Pennsylvania, Delaware, and Maryland, and as a professional planner in New Jersey. She holds a Master's degree in Environmental Policy, and has been involved in surveying since 1974 in projects ranging from construction to boundary to environmental land use disputes. Ms. Lathrop is also a certified floodplain manager through the Association of State Flood Plain Managers (ASFPM). A former adjunct instructor at Mercer County College in New Jersey, Ms. Lathrop has also taught as part of the team for the licensing exam review course at Drexel University in Pennsylvania. She has been teaching seminars for surveyors since 1986 and has been writing articles for surveyors since 1983. She is a contributing editor for *The American Surveyor* magazine, and has four articles included in the American Bar Association's text, *Land Surveys: A Guide for Lawyers and Other Professionals*. She and Stephen V. Estopinal, PLS, PE, recently completed co-authoring a book entitled *Professional Surveyors and Real Property Descriptions: Composition, Construction, and Comprehension*.

HEC-RAS Webinar Series

Gregory H. Nail, PhD, PE, Associate Professor, University of Tennessee at Martin
Dr. Nail is an associate professor in the Engineering Department at the University of Tennessee at Martin where he teaches a variety of courses including fluid mechanics, hydraulics and hydrology, and hydraulic and hydrologic modeling. He holds a professional engineer's license based on having passed both the Civil and Mechanical discipline-specific exams. Prior to coming to UT-Martin in 2002 he worked as a research hydraulic engineer for the United States Army Corp of Engineers for 11 years. He is a former member of the Executive Committee of the Tennessee American Water Resources Association, and he has lectured on various HEC-RAS modeling topics at the Annual Tennessee Water Resources Symposium, and at other venues. Dr. Nail earned his B.M.E. degree from Auburn University and his M.S. and Ph.D. degrees from Texas A&M University.

Construction Cost Estimating

Ha Yeung (Henry) Yu, P.E., LEED Green Associate, CTS, is currently 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 include heavy civil construction, cost estimating, value engineering, project scheduling, feasibility studies, and risk analysis, including identification of cost and schedule impacts. He has conducted cost estimating training programs by invitation of the New York City Economic Development Corporation. 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.

October Webinar Series

- Off-grid Photovoltaic Master Class
- Stormwater Management Systems
- Floodplain Mapping and Regulation
- HEC-RAS Webinar Series
- Construction Cost Estimating



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October Webinar Series

Off-grid Photovoltaic Master Class

Wednesday, October 3, and Thursday, October 4

Stormwater Management Systems

Thursday, October 4, and Friday, October 5

Floodplain Mapping and Regulation

Wednesday, October 10, and Thursday, October 11

HEC-RAS Webinar Series

Thursday, October 18, and Friday, October 19

Construction Cost Estimating

Thursday, October 25, and Friday, October 26

October Webinar Series



Off-grid Photovoltaic Master Class

Architects: 6.0 HSW CE Hours AIA: 6.0 HSW LUs Engineers: 6.0 PDHs

Stormwater Management Systems

Architects: 5.0 HSW CE Hours AIA: 5.0 HSW LUs Engineers: 5.0 PDHs

Floodplain Mapping and Regulation

Architects: 6.0 HSW CE Hours AIA: 6.0 HSW LUs
Engineers: 6.0 PDHs Floodplain Managers: 6.0 ASFPM CECs

HEC-RAS Webinar Series

Architects: 7.5 HSW CE Hours AIA: 7.5 HSW LUs
Engineers: 7.5 PDHs Floodplain Managers: 7.5 ASFPM CECs

Construction Cost Estimating

Architects: 7.0 HSW CE Hours AIA: 7.0 HSW LUs Engineers: 7.0 PDHs

Each webinar in these series earns continuing education credit. The credit hours shown above are for all webinars in each series. See inside for credits available for individual webinars.

To register and view webinar agendas visit us online at:
www.halfmoonseminars.org/webinars/



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Off-grid Photovoltaic Master Class

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

Off-grid Photovoltaic Master Class, Part I
Wednesday, October 3, 2018, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150
Credits: Architects: 3.0 HSW CE Hours AIA: 3.0 HSW LUs Engineers: 3.0 PDHs

Off-grid Photovoltaic Master Class, Part II
Thursday, October 4, 2018, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150
Credits: Architects: 3.0 HSW CE Hours AIA: 3.0 HSW LUs Engineers: 3.0 PDHs

Stormwater Management Systems

Series Tuition: ~~-\$250~~ **\$225** when you register for all four webinars
Total Credits: **Architects:** 5.0 HSW CE Hours **AIA:** 5.0 HSW LUs **Engineers:** 5.0 PDHs

Basics of Stormwater Regulations and Requirements, Including New EPA Regulations
Thursday, October 4, 2018, 11:00 AM - 12:00 PM CDT **Tuition:** \$50
Credits: Architects: 1.0 HSW CE Hour AIA: 1.0 HSW LU Engineers: 1.0 PDH

Working with the Regulator
Thursday, October 4, 2018, 12:30 - 2:00 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs Engineers: 1.5 PDHs

Site Planning and Choosing Best Management Practices
Friday, October 5, 2018, 11:00 AM - 12:00 PM CDT **Tuition:** \$50
Credits: Architects: 1.0 HSW CE Hour AIA: 1.0 HSW LU Engineers: 1.0 PDH

Long-term Stormwater Management Practices
Friday, October 5, 2018, 12:30 - 2:00 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs Engineers: 1.5 PDHs

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 provided for each webinar attended and will be sent via email in PDF form about five business days after the conclusion of the series.

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.***

Floodplain Mapping and Regulation

Series Tuition: ~~-\$300~~ **\$250** when you register for all four webinars
Total Credits: **Architects:** 6.0 HSW CE Hours **AIA:** 6.0 HSW LUs **Floodplain Managers:** 6.0 ASFPM CECs
Engineers: 6.0 PDHs

Floods, Floodplains and Introduction to Floodplain Management
Wednesday, October 10, 2018, 11:00 AM - 12:30 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW Contact Hours AIA: 1.5 HSW LUs Floodplain Managers: 1.5 CECs
Engineers: 1.5 PDHs

Flood Maps and Flood Zones
Wednesday, October 10, 2018, 1:00 - 2:30 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW Contact Hours AIA: 1.5 HSW LUs Floodplain Managers: 1.5 CECs
Engineers: 1.5 PDHs

Elevations in the National Flood Insurance Program (NFIP) and Floodplain Regulation
Thursday, October 11, 2018, 11:00 AM - 12:30 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW Contact Hours AIA: 1.5 HSW LUs Floodplain Managers: 1.5 CECs
Engineers: 1.5 PDHs

Practical Floodplain Management
Thursday, October 11, 2018, 1:00 - 2:30 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW Contact Hours AIA: 1.5 HSW LUs Floodplain Managers: 1.5 CECs
Engineers: 1.5 PDHs

HEC-RAS Webinar Series

Series Tuition: ~~-\$375~~ **\$325** when you register for all four webinars
Total Credits: **Architects:** 7.5 HSW CE Hours **AIA:** 7.5 HSW LUs **Floodplain Managers:** 7.5 ASFPM CECs
Engineers: 7.5 PDHs

Hydraulic Principles and Applications
Thursday, October 18, 2018, 11:00 AM - 1:00 PM CDT **Tuition:** \$100
Credits: Architects: 2.0 HSW Contact Hours AIA: 2.0 HSW LUs Floodplain Managers: 2.0 CECs
Engineers: 2.0 PDHs

Working with the HEC-RAS User Interface
Thursday, October 18, 2018, 1:30 - 3:00 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW Contact Hours AIA: 1.5 HSW LUs Floodplain Managers: 1.5 CECs
Engineers: 1.5 PDHs

Water Surface Profiling
Friday, October 19, 2018, 11:00 AM - 1:00 PM CDT **Tuition:** \$100
Credits: Architects: 2.0 HSW Contact Hours AIA: 2.0 HSW LUs Floodplain Managers: 2.0 CECs
Engineers: 2.0 PDHs

Steady Flow Surface Profile Demonstrations
Friday, October 19, 2018, 1:30 - 3:30 PM CDT **Tuition:** \$100
Credits: Architects: 2.0 HSW Contact Hours AIA: 2.0 HSW LUs Floodplain Managers: 2.0 CECs
Engineers: 2.0 PDHs

Construction Cost Estimating

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

Introduction to Cost Estimating
Thursday, October 25, 2018, 11:00 AM - 12:30 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs Engineers: 1.5 PDHs

Cost Components – A Closer Look at the Estimates
Thursday, October 25, 2018, 1:00 - 3:00 PM CDT **Tuition:** \$100
Credits: Architects: 2.0 HSW CE Hours AIA: 2.0 HSW LUs Engineers: 2.0 PDHs

Cost Estimate Organization and Examples
Friday, October 26, 2018, 11:00 AM - 1:00 PM CDT **Tuition:** \$100
Credits: Architects: 2.0 HSW CE Hours AIA: 2.0 HSW LUs Engineers: 2.0 PDHs

Cost Estimating Topics
Friday, October 26, 2018, 1:30 - 3:00 PM CDT **Tuition:** \$75
Credits: Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs Engineers: 1.5 PDHs

Continuing Education Credit Information

These webinars offer professional engineers and architects continuing education credits in all states that allow interactive online learning, except Florida architects. Each webinar listing indicates the number of continuing education credits that are available. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects. Other states do not preapprove continuing education sponsors or courses. HalfMoon Education Inc. is approved by the American Institute of Architects as a continuing education provider (Sponsor No. J885). The Floodplain Mapping and Regulation webinars and the HEC-RAS webinars are approved by the Association of State Floodplain Mangers. See each listing for available CECs. Participation and knowledge retention will be verified for these webinars, certificates of completion will be provided, and LUs will be reported to the AIA/CES.

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