

# Faculty and Credit Information

## Community Solar and Rooftop Solar

**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.

## Seismic Design and Construction

**Jon F. Sfura, Ph.D., P.E., S.E.,** is a senior associate at Wiss, Janney, Elstner Associates, Inc. in Northbrook, Illinois. His experience includes the assessment of structural distress and serviceability problems, investigation of structural failures, and rehabilitation of structures. He has published and lectured on the seismic design and performance, the assessment of structures, structural failures, and the rehabilitation of structures. Dr. Sfura received his B.S. degree in Civil Engineering from Purdue University, and his M.S. and Ph.D. degrees in Civil Engineering from the University of Illinois. He studied the nonlinear seismic response of asymmetric steel structures to earthquake ground motions as a doctoral candidate. He is a licensed structural engineer in Illinois, civil engineer in California, and professional engineer in Florida and Michigan. He is a member of the Earthquake Engineering Research Institute (EERI) and the Structural Engineers Association of Illinois (SEAOI).

## Small Wind Energy Systems

**Clay Sterling** is an Associate Professor of Renewable Energy Technology at Kankakee Community College and is an IREC-certified solar photovoltaic (PV) and small wind instructor. In the recent past, he instructed both PV and wind courses at the Midwest Renewable Energy Association for over 15 years. He has a construction background gained from working in his family's plumbing shop, and he has worked nine years as a commercial electrician on large construction projects. In 2009, Wisconsin's K-12 Energy Education Program named him the Non-Formal Energy Educator of the Year. He also received the "Clean Energy Trainer of the Year" award in 2013 from the Interstate Renewable Energy Council (IREC).

## International Green Construction Code

**Wendy Talarico, LEED AP** consults with architects and engineers throughout the northeastern U.S. to provide continuing education on a range of subjects from codes to building science. She is an instructor for Urban Green/New York State Energy Research and Development Authority's "Conquering the Code," an eight-hour energy code class in New York State. Ms. Talarico was a member of the engineering outreach team for the Brick Industry Association, and she is an award-winning journalist with more than 25 years of experience as a writer and editor for such publications as *Architectural Record* and *This Old House*.

## Slope Stabilization and Landslide Prevention

**Binod Tiwari, Ph.D., P.E.** is a professor in the Civil and Environmental Engineering Department of California State University, Fullerton. He earned his Ph.D. degree in Geotechnical Engineering in 2003 and is expert in the fields of slope stability and stabilization, landslide mitigation, applied GIS, soil behavior and characterization, and geotechnical earthquake engineering. Mr. Tiwari is a member of various technical committees for ASCE and the International Society for Soil Mechanics and Geotechnical Engineering, and he is editor as well as reviewer for various international journals. He was post-doc at Niigata University, Japan, and at Virginia Tech for more than three years prior to joining CSUF in the fall of 2006. Mr. Tiwari is a licensed professional engineer in the state of California and has more than 20 years experience in design and implementation of projects pertinent to slope stability and stabilization.

## September Webinar Series

- Community Solar and Rooftop Solar
- Seismic Design and Construction
- Small Wind Energy Systems
- International Green Construction Code
- Slope Stabilization and Landslide Prevention



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# September Webinar Series

## Community Solar and Rooftop Solar

Wednesday, September 5, and Thursday, September 6

## Seismic Design and Construction

Wednesday, September 12, and Thursday, September 13

## Small Wind Energy Systems

Thursday, September 20, and Friday, September 21

## International Green Construction Code

Thursday, September 20, and Friday, September 21

## Slope Stabilization and Landslide Prevention

Tuesday, September 25, and Thursday, September 27

# September Webinar Series



## Community Solar and Rooftop Solar

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

## Seismic Design and Construction

Architects: 8.0 HSW CE Hours      AIA: 8.0 HSW LUs  
Engineers: 8.0 PDHs      ICC: .8 CEUs (Building)

## Small Wind Energy Systems

Architects: 4.0 HSW CE Hours      AIA: 4.0 HSW LUs      Engineers: 4.0 PDHs

## International Green Construction Code

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

## Slope Stabilization and Landslide Prevention

Architects: 6.0 HSW CE Hours      AIA: 6.0 HSW LUs      Engineers: 6.0 PDHs  
Landscape Architects: 6.0 HSW CE Hours      LA/CES: 6.0 HSW 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/](http://www.halfmoonseminars.org/webinars/)



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## Community Solar and Rooftop Solar

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

### Community Solar

Wednesday, September 5, 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

### Design Your Solar Roof

Thursday, September 6, 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

## Seismic Design and Construction

Series Tuition: ~~-\$400~~ **\$350** when you register for both webinars

**Total Credits:** **Architects:** 8.0 HSW CE Hours    **AIA:** 8.0 HSW LUs  
**Engineers:** 8.0 PDHs    **ICC:** .8 CEUs (Building)

### Seismology and Building Codes

Wednesday, September 12, 2018, 11:00 AM - 3:30 PM CDT (incl. 30 min. break)    **Tuition:** \$200

Credits: Architects: 4.0 HSW CE Hours    AIA: 4.0 HSW LUs  
Engineers: 4.0 PDHs    ICC: .4 CEUs (Building)

### Seismic Design of Building Structures

Thursday, September 13, 2018, 11:00 AM - 3:30 PM CDT (incl. 30 min. break)    **Tuition:** \$200

Credits: Architects: 4.0 HSW CE Hours    AIA: 4.0 HSW LUs  
Engineers: 4.0 PDHs    ICC: .4 CEUs (Building)

## Small Wind Energy Systems

Series Tuition: ~~-\$200~~ **\$175** when you register for both webinars

**Total Credits:** **Architects:** 4.0 HSW CE Hours    **AIA:** 4.0 HSW LUs    **Engineers:** 4.0 PDHs

### Small Wind Energy System Components

Thursday, September 20, 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

### Small Wind Energy Siting and Sizing

Friday, September 21, 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

## International Green Construction Code

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

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

### Introduction to the International Green Construction Code (IgCC)

Thursday, September 20, 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    ICC: Pending

### Chapters 4-5: Site Development and Material Use

Thursday, September 20, 2018, 1:00 - 2:30 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs  
Engineers: 1.5 PDHs    ICC: Pending

### Chapters 6-9: Energy, Water, Environmental Quality and Building Commissioning

Friday, September 21, 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    ICC: Pending

### Chapters 10-11: Existing Buildings

Friday, September 21, 2018, 1:00 - 2:30 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs  
Engineers: 1.5 PDHs    ICC: Pending

## Slope Stabilization and Landslide Prevention

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

### Analyzing the Stability of Slopes

Tuesday, September 25, 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  
Landscape Architects: 3.0 HSW CE Hours    LA/CES: 3.0 HSW PDHs

### Slope Stabilization Methods

Thursday, September 27, 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  
Landscape Architects: 3.0 HSW CE Hours    LA/CES: 3.0 HSW PDHs

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**[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)**

## Continuing Education Credit Information

HalfMoon Education is an American Institute of Architects-approved continuing education sponsor (No. J885) and is deemed an approved continuing education sponsor for architects and landscape architects in New York. These webinars are not approved for Florida architects. Other states do not preapprove educators or courses. Check each webinar for the number of continuing education hours available. HalfMoon Education is an approved engineer continuing education provider in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. Other states do not preapprove educators or courses. These webinars offer engineer continuing education credit in all states that allow this learning methodology. Check each course listing for the number of PDHs available. The Slope Stabilization and Landslide Prevention webinars offer 3.0 CE hours each to landscape architects but have not been approved in states that require preapproval. The Landscape Architecture Continuing Education System has approved each webinar for 3.0 HSW PDHs. HalfMoon Education is an International Code Council Preferred Provider (1232). Course approvals are pending for the International Green Construction Code webinars. Participation and knowledge retention will be verified for these webinar events, certificates of completion will be provided, and LUs will be reported to the AIA. Please see individual course listings for available credit approval.

## 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.***

### GoToWebinar system requirements:

#### **GoToWebinar App requirements:**

Windows 7 - 10   or   Mac OSX 10.9 (Mavericks) - 10.13 (High Sierra)

#### **Web Browser:**

The two most recent version of the following browsers:  
Google Chrome, Mozilla Firefox, Apple Safari, Microsoft Edge  
Internet Explorer v11 (or later) with Flash enabled

**Internet connection:** Minimum of 1Mbps    **Hardware:** 2GB RAM or more

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