

# Faculty and Webinar Instructions

## Residential Provisions of the International Energy Conservation Code (IECC) Wendy Talarico, LEED AP

Ms. Talarico is an ICC-certified energy/green code plan reviewer. She has more than 25 years of experience working with architects, engineers, designers, contractors and owners as a code advocate, instructor and writer. Her areas of expertise include building energy, sustainability issues, and codes, including the IECC, ASHRAE 90.1, IEBC, and the IgCC.

## Introduction to Green Infrastructure

**Dr. Jairo Garcia** *Sustainable Cities & Climate Change Specialist, Co-Chair of the Climate Reality Project: Atlanta, GA Chapter*

Dr. Garcia is an expert in urban sustainability, climate change and sustainability education. Dr. Garcia develops innovative policies and educational programs to make communities and cities cleaner, sustainable, resilient, and equitable. He is the lead author of Atlanta's Climate Action Plan and led a collaborative effort with more than 40 stakeholders to the 100 Resilience Cities application, awarded to the City of Atlanta in 2016. Dr. Garcia is a member of the Georgia Research Roadmap steering committee, an initiative of the Georgia Climate Project lead by University of Georgia, Georgia Tech, and Emory University, which has a goal of improving understanding of climate impacts and solutions in Georgia. He received the Individual Climate Leadership Award by the EPA in 2017. This award recognized Dr. Garcia's leadership in addressing climate change and engaging organizations, peers and partners. He represented the Mayor of Atlanta at COP23 in Bonn, Germany and presented at an event organized by the International Urban Cooperation Programme related to global cooperation to address climate change. Dr. Garcia's publications on urban sustainability, climate change and sustainability education are numerous. His academic experiences include a position as a research assistant and two teaching assistant positions at Columbia University, a faculty adjunct and thesis advisor position at Concordia University, and faculty adjunct positions for the UCLA-Extension Program, the Georgia Institute of Technology and Johns Hopkins University. Dr. Garcia holds an engineering degree, an MSc degree in Management of Information Technologies from Syracuse University, an MSc degree in Sustainability Management from Columbia University and a doctoral degree in Educational Technology and Sustainability from Pepperdine University.

## 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 for download and printing upon completion of a follow-up quiz with at least 80% accuracy.

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 information and system requirements, please visit the "Support" section at [www.gotowebinar.com](http://www.gotowebinar.com).

## Live, Interactive Sustainability Webinars

- Residential Provisions of the International Energy Conservation Code (IECC)
- Introduction to Green Infrastructure



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# Sustainability Webinars

## Residential Provisions of the International Energy Conservation Code (IECC)

- Wednesday, March 17, 2021 | 8:30 am - 5:00 pm CDT

## Introduction to Green Infrastructure

- Thursday, March 18, 2021 | 11:00 am - 2:30 pm CDT  
- Friday, March 19, 2021 | 11:00 am - 2:30 pm CDT

To register, view detailed presenter biographies, and see other learning opportunities, please visit:

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# HalfMoon Education Online Learning Live, Interactive Sustainability Webinars



## Residential Provisions of the International Energy Conservation Code (IECC)

Wednesday, March 17, 2021 | 8:30 am - 5:00 pm CDT

**Credits:** Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours  
AIA: 7.0 LU | HSW International Code Council: .7 CEUs (Energy)

## Introduction to Green Infrastructure

Thursday, March 18, 2021 | 11:00 am - 2:30 pm CDT

Friday, March 19, 2021 | 11:00 am - 2:30 pm CDT

**Credits:** Professional Engineers: 6.5 PDHs  
Landscape Architects: 6.5 HSW CE Hours, Except FL, NJ, NC  
LA CES: 6.5 HSW PDHs Floodplain Managers: 6.5 ASFPD CECs  
Architects: 6.5 HSW CE Hours AIA: 6.5 LU | HSW

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AIA  
Continuing  
Education  
Provider

# Residential Provisions of the International Energy Conservation Code (IECC)

**Wednesday, March 17, 2021 | 8:30 am - 5:00 pm CDT** (incl. a 60-min. break)

**Tuition:** \$289 per registrant, \$199 per registrant for three or more

**Credits:** Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours  
AIA: 7.0 LU|HSW International Code Council: .7 CEUs (Energy)

**Presented by Wendy Talarico, LEED AP**

## IECC Residential Chapters 1-3

Adoption and enforcement of IECC 2018 and 2021  
Scope and general requirements  
Code history and development  
Definitions  
Climate zones

## Code Compliance Alternatives

ResCheck  
Performance-based compliance  
Energy rating index compliance alternative

## Chapter 4: Residential Energy Efficiency

Building thermal envelope  
Insulation and fenestration

- Ceilings, above- and below-grade walls
- Sunrooms
- Floors

Air leakage and testing

## Chapter 4: Heating and Cooling Systems

Ductwork insulation and sealing  
Service hot water systems  
Pools and spas

## Chapter 4: Electrical Power and Lighting Systems

Power and lighting systems

## Chapter 5: Existing Buildings

Building additions and alterations  
Solar  
Referenced standards from Chapter 6

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# Introduction to Green Infrastructure

**Thursday, March 18 and Friday, March 19, 2021**

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Landscape Architects: 6.5 HSW CE Hours, Except FL, NJ, NC  
LA CES: 6.5 HSW PDHs Floodplain Managers: 6.5 ASFPM CECs  
Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW

**Presented by Dr. Jairo Garcia**

## Day One: Thursday, March 18, 2021

11:00 am - 2:30 pm CD T (incl. a 15-min. break)

### Traditional City Development: Systems and Impacts

Historic pattern of water system development  
Gaps and overlaps  
Impacts of systems: inside and outside the city

### Regenerating Cities with Natural Systems

Natural systems definitions  
Relationship with built systems

### What is Green Infrastructure?

Green roofs and walls  
Rain gardens  
Porous pavements  
Urban forests  
Regional scales

## Day Two: Friday, March 19, 2021

11:00 am - 2:30 pm CDT (incl. a 15-min. break)

### How to Make the Case for Green Infrastructure

Environmental factors and drivers  
Social factors and drivers  
Economic factors and drivers

### Places to Watch

Philadelphia	Toronto
Washington D.C.	Chicago
Seattle	Berlin

21 USI2GSW1 3 18 WEBR TC - 21 USI2GSW2 3 19 WEBR TC

### Can't Attend? Order these Webinars as a Self-Study Packages!

Recordings of each webinar are available for purchase. See course listing online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

## Continuing Education Credit Information

### Residential Provisions of the International Energy Conservation Code (IECC)

This webinar offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects licensed in all states.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 7.0 LU|HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Energy (Preferred Provider No. 1232).

### Introduction to Green Infrastructure

This interactive webinar offers 6.5 PDHs/continuing education hours to professional engineers licensed in all states.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (S-0130), and North Dakota.

HalfMoon Education is deemed an approved continuing education provider for engineers, architects, and landscape architects licensed in New York via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2), §79-1.5(i)(2)).

The Association of State Floodplain Managers has approved this course for 6.5 CECs.

This course offers 6.5 HSW CE hours to landscape architects in all states, except Florida, New Jersey, and Florida. The Landscape Architect Continuing Education System has approved this course for 6.5 HSW PDHs. Only full participation is reportable to the AIA CES and LA CES.

This course offers 6.5 HSW continuing education hours to architects licensed in all states. The American Institute of Architects Continuing Education System has approved this course for 6.5 LU|HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

Visit [www.halfmoonseminars.org](http://www.halfmoonseminars.org) for LA CES credit updates under this course listing.

***Completion certificates will be awarded to participants who complete these events, respond to prompts, and earn a passing score (80%) on the quiz that follows each presentation (multiple attempts are allowed).***