

Agenda

Presented by Dr. Jairo H. Garcia

Rules, Regulations, Certifications and Resources

- Sustainable Sites Initiative
- Principles of low impact development
- New urbanism
- Aesthetic, energy-efficiency and health benefits

Light Pollution Reduction

- Defining light pollution
- Safety, health and environmental impacts of outdoor lighting
- Outdoor lighting ordinances
- Light pollution reduction techniques

Ecology and Site Design

- Conservation biology
- Landscape ecology
- Restoration ecology

Sustainable Stormwater Management

- Stormwater requirements and permitting
- Stormwater harvesting and reuse
- Infiltrating stormwater
- Rain gardens

Pollinator-Friendly Design

- Native pollinators
- Pollinator decline
- Habitat restoration/enhancement

Bird-Friendly Building Design

- Glass construction: problems and solutions
- Lighting efficiency and design

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Recordings of this webinar are available for purchase. See registration panel 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. Self-study packages do not qualify for AIA or LA CES credit.

Sustainable Site Design

Live, Interactive Webinar - Wednesday, June 30, 2021

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PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Reference rules, regulations, certifications and resources for sustainable sites, and discuss principles of low impact development, new urbanism, energy-efficient and the Sustainable Sites Initiative.

Explain the safety, health and environmental impacts of outdoor lighting and identify ways to reduce light pollution on sites.

Manage stormwater to reduce erosion and subsequent sedimentation in order to maintain water quality and wildlife habitat.

Explain how sustainable site efforts can protect native pollinators by providing habitat, and protect birds with appropriate construction and proper lighting.



HalfMoon Education Online Learning Sustainable Site Design

Live, Interactive Webinar - Wednesday, June 30, 2021



Examine aesthetic, energy-efficiency and health benefits of sustainable site design

Analyze safety, health and environmental impacts of outdoor lighting

Explore conservation biology, landscape ecology and restoration ecology

Learn about sustainable stormwater management

Discuss sustainable site design for pollinator and bird friendly projects

Continuing Education Credits

Professional Engineers
6.5 PDHs

Architects
6.5 HSW CE Hours

AIA
6.5 LU | HSW

Landscape Architects
6.5 HSW CE Hours

LA CES
6.5 HSW PDHs

International Code Council
.65 CEUs (Sustainability)



Faculty

Dr. Jairo H. 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. Dr. Garcia 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 Information

Log into Webinar 8:00 - 8:30 am CDT	Break 11:40 am - 12:10 pm CDT
Morning Session 8:30 - 11:40 am CDT	Afternoon Session 12:10 - 3:50 pm CDT

Tuition
\$289 for individual registration
\$199 for three or more registrants from the same company at the same time.
Included with your registration: PDF seminar manual.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

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Additional Learning

- AIA Contract Document Workshop**
- Tues, June 1, 2021 | 8:30 am - 4:30 pm CDT
 - Commercial Site Pavement Design, Installation and Maintenance**
- Wed, June 2, 2021 | 8:30 am - 4:30 pm CDT
 - Skatepark Design and Construction**
- Wed, June 2, 2021 | 9:30 am - 4:30 pm CDT
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- Wed, June 2, 2021 | 9:30 am - 4:30 pm CDT
 - Fruit Trees: Are They Right for Your Landscape Design?**
- Thurs, June 3, 2021 | 3:00 - 5:00 pm CDT
 - Community Solar Project Workshop**
- Thurs, June 3, 2021 | 8:30 am - 4:30 pm CDT
 - National Electrical Code 2020: Grounding and Bonding**
- Fri, June 4, 2021 | 8:30 am - 5:00 pm CDT
 - Slope Stabilization and Landslide Prevention**
- Mon, June 7, 2021 | 8:30 am - 5:00 pm CDT
 - Soils Engineering**
- Tues, June 8 2021 | 11:00 am - 2:15 pm CDT
- Wed, June 9, 2021 | 11:00 am - 2:15 pm CDT
 - Designing Interiors for Human Wellness**
- Thurs, June 10, 2021 | 11:00 am - 3:05 pm CDT
- Fri, June 11, 2021 | 11:00 am - 1:25 pm CDT
 - Practical Site Engineering: Science & Techniques**
- Thurs, June 10, 2021 | 11:00 am - 3:15 pm CDT
- Fri, June 11, 2021 | 11:00 am - 2:15 pm CDT
 - Stormwater Basins and Underground Systems**
- Tues, June 15, 2021 | 9:00 am - 4:30 pm CDT
- For more information and other online learning opportunities visit: www.halfmoonseminars.org

Continuing Education Credit Information
This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states. It offers 6.5 HSW continuing education house to landscape architects in all states, except Florida, New Jersey, and North Carolina.

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), and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York 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)). Courses approved by the AIA/CES qualify for Florida and New Jersey architects. Other states do not preapprove continuing education providers or courses.

This course has been approved by the American Institute of Architects Continuing Education System for 6.5 LU | HSW (Sponsor No. J885) and the Landscape Architect Continuing Education System for 6.5 HSW PDHs. Only full participation is reportable to the AIA/CES and LA CES.

The International Code Council has approved this course for .65 CEUs in the specialty area of Sustainability (Preferred Provider No. 1232).

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

Registration

How to Register

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Complete the entire form.
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Registrant Information

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Additional Registrants:

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() I need special accommodations. Please contact me.

Tuition

() **I will be attending the live webinar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$199.00** each.

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