

Agenda

Presented by Dr. Jairo H. Garcia

Rules, Regulations, Certifications and Resources

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

Greenfield Development Versus Brownfield Redevelopment

- Defining greenfields and brownfields
- Advantages of greenfield development
- Taking advantage of brownfields for redevelopment
 - Existing infrastructure, community connections, urban renewal, financial and other incentives

Ecology and Site Design

- Conservation biology
- Landscape ecology
- Restoration ecology

Sustainable Stormwater Management

- Stormwater harvesting and reuse
- Infiltrating stormwater
- Rain gardens

Pollinator-Friendly Design

- Native pollinators
- Pollinator decline
- Habitat restoration/enhancement

Walkability, Micromobility and Mass Transit

- Connecting the site to sustainable transportation options
- Environmental impacts of transportation options
 - Sidewalks and trails
 - Bike routes
 - E-bikes and scooters
 - Mass transit availability
 - Electric vehicle charging infrastructure

Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this 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.

Sustainable Site Design

Live, Interactive Webinar - Monday, July 1, 2024

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Meet stormwater regulations while integrating low impact development (LID) practices and principles of new urbanism.

Take advantage of opportunities for brownfield redevelopment and realize financial and infrastructure benefits.

Consider conservation biology, landscape ecology and restoration ecology in the site design process.

Explore pollinator-friendly design.

Connect sites to transportation options, including pedestrian trails, bike routes and mass transit.



HalfMoon Education Inc.,
Your LIVE Education Leader Presents

Sustainable Site Design

Live, Interactive Webinar - Monday, July 1, 2024



Explore principles of low impact development, new urbanism and the Sustainable Sites Initiative

Examine greenfield development vs. brownfield redevelopment

Study ecology and site design

Discuss stormwater harvesting and reuse, infiltrating stormwater and rain gardens

Learn about pollinator-friendly design

Connect sites to sustainable transportation options including bike routes and mass transit

Continuing Education Credits

Professional Engineers
6.5 PDHs

Architects
6.5 HSW CE Hours
6.5 AIA LU | HSW

Landscape Architects
6.5 HSW CE Hours
6.5 LA CES HSW PDHs

International Code Council
.65 CEUs (Sustainability)



Webinar Information

Online - Monday, July 1, 2024

Log into Webinar

8:00 - 8:30 am CDT

Break

11:45 am - 12:45 pm CDT

Morning Session

8:30 - 11:45 am CDT

Afternoon Session

12:45 - 4:30 pm CDT

Tuition

\$339 for individual registration.

\$309 for two 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
- 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 on-demand package. You may also authorize another person to take your place.

Learn More and Register:

www.halfmoonseminars.org

Customer Service (715) 835-5900 Ext. 1

or scan here



Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See details 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.

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, more 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 and the Green Ring Award by the Climate Reality Project. These awards 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 M.S.c. degree in Management of Information Technologies, an M.S.c. degree in Sustainability Management, and a doctoral degree in Educational Technology and Sustainability.

Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers, 6.5 HSW continuing education hours for licensed architects, and 6.5 HSW continuing education hours for landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), 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 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 6.5 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs. Only full participation is reportable to the LA CES.

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

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
6.5 HSW LUs (AIA) 6.5 HSW PDHs (LA CES)

Additional Learning

Timber Frame Design and Construction

- Tuesday, June 11, 2024 | 9:00 am - 4:30 pm CDT

Scaffold Design and Use in Construction

- Friday, June 14, 2024 | 9:00 am - 12:15 pm CDT

Trenching and Excavation Safety in Construction

- Friday, June 14, 2024 | 1:00 - 4:15 pm CDT

Accessible Trail Design, Construction, and Operation

- Friday, June 14, 2024 | 9:00 am - 4:30 pm CDT

Federal Wetlands Science, Law, and Compliance Post-Sackett

- Friday, June 14, 2024 | 9:00 am - 4:20 pm CDT

Benchmarking and Building Performance Standards: Addressing Climate Change and Equity in the Built Environment

- Monday, June 17, 2024 | 9:00 am - 4:00 pm CDT

Designing to Withstand Tornadoic Loads on Buildings

- Monday, June 17, 2024 | 9:00 am - 4:00 pm CDT

How to Design, Construct and Maintain a Mechanically Stabilized Earth (MSE) Wall

- Tuesday, June 18, 2024 | 9:00 am - 12:00 pm CDT

Mastering RFQ & RFP Responses: Crafting Winning Proposals

- Tuesday, June 18, 2024 | 1:00 - 3:00 pm CDT

Barrier-Free Requirements in Outdoor Spaces

- Monday, June 24, 2024 | 2:00 - 4:00 pm CDT

Brownfields Assessments, Grants and Redevelopment Opportunities

- Tuesday, June 25, 2024 | 10:00 am - 12:00 pm CDT

Generation Interconnection under the RTO Model and Changes Coming from Order 2023

- Tuesday, June 25, 2024 | 2:00 - 4:00 pm CDT

How to Design, Construct and Maintain a Reinforced Steep Slope

- Tuesday, June 25, 2024 | 9:00 am - 12:00 pm CDT

Manure Storage Design, Environmental Impacts, and Impact Mitigation Approaches

- Wednesday, June 26, 2024 | 9:00 am - 12:15 pm CDT

Deep Dive into Retaining Wall Layout for Site Designers

- Tuesday, July 2, 2024 | 9:00 - 11:00 am CDT

For more information and other online learning opportunities visit: **www.halfmoonseminars.org**