

HalfMoon Education Live Continuing Education Webinars

Designing and Constructing Vegetated Roofs

Online - Friday, December 8, 2023 | 8:30 am - 3:30 pm CST

Credits:

Professional Engineers: 6.0 PDHs

Architects: 6.0 HSW CE Hours AIA: 6.0 HSW LUs

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

International Code Council: .6 CEUs (Building)

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AIA
Continuing
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PREFERRED
EDUCATION
PROVIDER

Early Adopters and Realized Benefits

- A brief history
- Benefits and advantages in today's urban built environment

Vegetated Green Roof Technology: Types and Purpose

- Building-integrated stormwater management
- Energy-wise roofing system Rooftop farm
- Therapeutic green view Urban garden space

Components and Layout Configurations

- Common components to all systems
- Common layout configurations
- Understanding type-specific layouts and components

Design and Site Issues

- Building structural issues affecting design and performance
- Site considerations for all vegetated green roof types
- Issues surrounding a vegetated green roof retrofit
- Understanding the implications of design decisions for a 'living' system

Design for Specific Outcomes

- Maintenance efficiency and safety
- Plant and soil media design considerations for stormwater management
- Effective energy efficient component configurations
- Food production soil media blends
- Therapeutic green view plant palettes
- Design considerations for interactive rooftop gardens

Construction and Logistics

- Material storage and loading challenges
- Understanding the implications of construction scheduling and delays
- Specifications regarding installer experience/certifications
- Logistical decisions impacting project success
- Planting techniques vital to successful plant establishment
- Soil media compaction aversion methods

Expectations of a Successful Project

- Examples of thriving vegetated green roof projects
- Methods to monitor performance
- Expected ROI timeline

Presented by

Mary Ann Uhlmann *Urban Horticulture Consulting, LLC*

Ms. Uhlmann is an environmental horticulturist, accredited green roof professional, certified permaculture practitioner and certified sustainable landscape professional. Her firm, Urban Horticulture Consulting, provides green infrastructure planning, training, and asset management. Over the past 19 years, she has been a passionate advocate for green infrastructure education and policy making. Based in Marietta, Georgia, her projects include green roof design, assessments and remediation, maintenance protocol development, FLL compliance testing and the development of public outreach programs. Recent speaking engagements include The Little Rock Sustainability Conference, P80 Global Summit, and The Green Infrastructure Foundation Seattle Design Charette.

Tuition

- \$319** for individual registration.
- \$289** for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

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Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers, 6.0 HSW continuing education hours for licensed architects, and 6.0 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 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 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 6.0 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 6.0 HSW PDHs. Only full participation is reportable to the LA CES.

The International Code Council has approved this event for .6 CEUs in the specialty area of Building (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 may not be eligible for the same credits as the live presentation; 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: 6.0 HSW LUs (AIA), 6.0 HSW PDHs (LA CES)

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.