Agenda

Presented by John Palmer

The Scientific, Economic, and Aesthetic Benefits of Trees

Physical benefits
Social benefits
Economic benefits
Environmental benefits
Health benefits

If Trees Could Talk – The Secrets of Healthy, Mature Trees

Biology and anatomy
Soil
Roots
Oxygen
Stress
Native vs. non-native

Trees Are Infrastructure: Design Elements That Appreciate

Placement and value
Deforestation By Design™
Structural cells
After the job
Benefits
Planning vs. design

Trees And Site Requirements: Always At Odds?

Compaction and proctor density
The brown infrastructure
Screened soils: The silent killer
Root myths
Avoidable conflicts

Trees That Outlive Designs: After The Project Is Finished

Trees in teacups
Soil volume
Proper structure
Lifespan
Increasing value

Threats To Trees

Biotic and abiotic
An ounce of prevention
Neglect
Computer modeling risks

The Tree Course:
Science, Design, and Sustainability
Cincinnati, OH - Friday, February 1, 2019

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

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Learning Objectives

You'll be able to:

Identify the social, economic and health benefits of trees.

Explore using native versus non-native trees in design.

Evaluate strategies for achieving balance between the tree environment and construction site goals.

Consider tree placement and the lifespan of trees when designing sites.

Discuss biotic and abiotic threats to trees, and learn how to protect trees.

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Learn about the scientific, economic, and aesthetic benefits of trees

Understand how biology, soil, oxygen, stress and other factors impact trees

Consider design elements that incorporate new tree plantings and design elements that preserve trees

Understand how long term design impacts (sustainability, increased canopy) can add value beyond the building project lifespan

Review threats to trees and learn how to prevent these threats from damaging trees

Continuing Education Credits

Professional Engineers
6.5 CPD Hours/PDHs

Architects
6.5 HSW Continuing Ed. Hours
6.5 AIA HSW Learning Units

Landscape Architects
6.5 HSW Contact Hours
6.5 LA CES HSW PDHs

Foresters & Forestry Technicians
6.5 CFE Credits – Category 1

ISA – Ohio Chapter
Course Approved. CEU Details Inside

ISA – Michigan Chapter
Applied for/Pending

HalfMoon Education Inc.
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Faculty

John Palmer *PlanetCare Landscape and Arboricultural Services - Lakewood, OH*

Mr. Palmer is a consulting arborist, certified by the International Society of Arboriculture, and an advanced tree risk assessor. He is an author, speaker, and trainer, on subjects including *The Future of Urban Forestry, Deforestation By Design™, The New Construction Paradigm,* and *The Leadership Laws of Nature.* His focus is on trees in urban and construction environments, soil deficiencies and the importance of soils for sustainable mature trees, increasing urban tree canopies by ensuring trees live to maturity, and unsustainable landscape designs. His areas of expertise include young tree training, proper pruning and planting practices, biomechanics, soil and water management, urban forestry, tree biology, and healthy root system development.

Here's what past attendees had to say about the program and presenter John Palmer:

"Great speaker—dynamic & passionate about trees & tree science." — *Architect*

"Excellent presentation & content. I especially appreciated all of the references in the material." — *Civil Engineer*

Additional Learning

Webinar Series

Commercial Solar Peaker Batteries

- **Commercial Solar Peaker Batteries, Part I**
  Wed., Jan. 9, 2019, 11:00 AM - 3:15 PM CST
- **Commercial Solar Peaker Batteries, Part II**
  Thurs., Jan. 10, 2019, 11:00 AM - 2:15 PM CST

Proposal Writing

Fri., Jan. 11, 2019, 11:00 AM - 3:30 PM CDT

Technical Writing

- **Technical Writing Basics**
  Mon., Jan. 14, 2019, 11:00 AM - 1:00 PM CST
- **Planning Documents**
  Mon., Jan. 14, 2019, 1:30 - 3:30 PM CST
- **Writing Documents**
  Tues., Jan. 15, 2019, 11:00 AM - 1:00 PM CST
- **Revising and Editing Documents**
  Tues., Jan. 15, 2019, 1:30 - 3:30 PM CST

Fiber-Reinforced Composites

- **Portland Cement and Masonry**
  Thurs., Jan. 17, 2019, 11:00 AM - 1:00 PM CST
- **Fiber-Reinforced Composites**
  Thurs., Jan. 17, 2019, 1:30 - 3:30 PM CST
- **Fiber-Reinforced Polymer (FRP) Composites Reinforcement**
  Fri., Jan. 18, 2019, 11:00 AM - 1:00 PM CST
- **Overview of Sandwich Materials and Structures**
  Fri., Jan. 18, 2019, 1:30 - 3:30 PM CST

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

Seminar Information

Holiday Inn Eastgate (I-275E)
4501 Eastgate Blvd.
Cincinnati, OH 45245
(513) 752-4400

Registration
8:00 - 8:30 am

Morning Session
8:30 am - 12:15 pm

Lunch (On your own)
12:15 - 1:15 pm

Afternoon Session
1:15 - 4:30 pm

Tuition

$279 for individual registration
$259 for three or more simultaneous registrations.
Included with your registration:
Complimentary continental breakfast and printed seminar manual.

Receive a reduced tuition rate of $101 by registering to be our on-site coordinator for the day. For availability and job description, please visit *www.halfmoonseminars.org.*

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

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

Continuing Education Credit Information

This live lecture presentation is open to the public and offers 6.5 continuing professional development hours/PDHs to professional engineers and 6.5 HSW continuing education hours to architects in most states, including Ohio. This course offers 6.5 HSW contact hours to Ohio landscape architects. Educators and courses are not subject to preapproval in Ohio.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 6.5 HSW PDHs. Only full attendance can be reported to the AIA/CES and LA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education an approved Florida architect continuing education provider and is deemed an approved continuing education sponsor for New York architects and landscape architects.

The Ohio Chapter of the International Society of Arboriculture has approved this course for 6.5 CEUs in the certification types of Certified Arborist, Municipal Specialist, and BCMA-Practice, 5.0 CEUs for BCMA-Management, and 1.5 CEUs in BCMA-Science. Course approval is pending from the Michigan Chapter of the ISA and the Society of American Foresters. Current course approval information is available at *www.halfmoonseminars.org.*

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Can't Attend? Order the Manual and Audio From the Live Seminar as a Self-Study Package!
A full recording of this seminar is available for $289, which includes shipping and handling. This learning method does not qualify for the continuing education credit for Ohio engineers, architects, landscape architects, ISA members, or SAF members. Please allow four weeks from the seminar date for delivery.

Registration

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Cincinnati, OH - Friday, February 1, 2019

How to Register

Online:
www.halfmoonseminars.org

Phone:
715-835-5900

Fax:
715-835-6066

Code:

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

Complete the entire form. Attach duplicates if necessary.

Registrant Information

Name: _____
Company/Firm: _____
Address: _____
City: _____ State: _____ Zip _____
Occupation: _____
Email: _____
Phone: _____

Additional Registrants:

Name: _____
Occupation: _____
Email: _____
Phone: _____

Name: _____
Occupation: _____
Email: _____
Phone: _____

Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.

( ) ♿ I need special accommodations. Please contact me.

Tuition

( ) **I will be attending the live seminar.** Single Registrant - **$279.00**. Three or more registrants from the same company registering at the same time - **$259.00** each.

( ) **I am not attending.** Please send me the self-study package for **$289.00**.

☐ Downloadable MP3 Audio/PDF Manual
☐ CD/Manual Package
(Please allow four weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____
Expiration Date: _____ CVV2 Code: _____
Cardholder Name: _____
Billing Address: _____
City: _____ State: _____ Zip: _____
Signature: _____
Email: _____

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