

Agenda

Presented by John Palmer

The Scientific, Economic, and Aesthetic Benefits of Trees

Physical benefits	Environmental benefits
Social benefits	Health benefits
Economic 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	Benefits
Deforestation By Design™	
Structural cells	Planning vs. design
After the job	

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	Lifespan
Soil volume	Increasing value
Proper structure	

Threats To Trees

Biotic and abiotic	Neglect
An ounce of prevention	Computer modeling risks

The Tree Course: Science, Design, and Sustainability

Lexington, KY - Friday, July 12, 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** the effects of using native versus non-native trees in design.
- Consider** tree placement and the lifespan of trees when designing sites.
- Understand** root myths and learn how compaction can effect trees.
- Evaluate** strategies for achieving balance between the tree environment and construction site goals.
- Learn** about protecting trees from threats to their health.



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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 trees plantings and design elements that preserve trees

Continuing Education Credits

Engineers

6.5 HSW CPE Hours/PDHs

Architects

6.5 HSW CPE Hours/CE Hours
6.5 AIA Learning Units

Landscape Architects

6.5 HSW Continuing Ed. Hours
6.5 LA/CES HSW PDHs

Understand long term design impacts (sustainability, increased canopy) and additional value beyond building project lifespan

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

International Society of Arboriculture

Certified Arborist: 6.5 CEUs
Municipal Specialist: 6.5 CEUs
More CEU Credits Listed Inside

Contractors

Non-credit Continuing Ed.



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



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*

Seminar Information

Four Points by Sheraton Lexington

1938 Stanton Way
Lexington, KY 40511
(859) 259-1311

Registration	Lunch (On your own)
8:00 - 8:30 am	12:15 - 1:15 pm
Morning Session	Afternoon Session
8:30 am - 12:15 pm	1:15 - 4:30 pm

Tuition

\$289 for individual registration

\$269 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.

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at \$269. 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.

Additional Learning

Webinar Series

Distributed Battery Webinar

- **The Distributed Battery Webinar, Part I**
Wed., June 12, 2019, 11:00 AM - 2:15 PM CDT
- **The Distributed Battery Webinar, Part II**
Thurs., June 13, 2019, 11:00 AM - 2:15 PM CDT

Water Conservation

- **Evaluating the Owner's Commitment to Water Conservation and Applicable Codes and Standards**
Thurs., June 13, 2019, 11:00 AM - 12:30 PM CDT
- **Assessing the Building Site**
Thurs., June 13, 2019, 1:00 - 2:00 PM CDT
- **Conserving and Reducing Water Use**
Fri., June 14, 2019, 11:00 AM - 1:00 PM CDT
- **Onsite Water Recycling and Minimizing Water Use**
Fri., June 14, 2019, 1:30 - 3:30 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 CPE hours to engineers and 6.5 HSW continuing professional education hours to architects and landscape architects in most states, including Kentucky. Educators and courses are not subject to preapproval in Kentucky.

This event is approved by the American Institute of Architects Continuing Education System 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 the LA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP0000700), North Carolina, and North Dakota.

The International Society of Arboriculture has approved this course for 6.5 CEUs for certified arborist and municipal specialist, 5.75 CEUs for utility specialist, climber specialist, and aerial lift, 3.25 CEUs for BCMA management, 2.0 CEUs for BCMA science, and 1.25 CEUs for BCMA practice.

This seminar offers a non-credit continuing education opportunity to construction contractors. It is not approved by any state licensing entity for contractor continuing education credit.

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.

International Existing Building Codes

- **Working with the International Existing Building Code**
Thurs., June 20, 2019, 11:00 AM - 12:30 PM CDT
- **Chapters 3, 4 & 6**
Thurs., June 20, 2019, 1:00 - 3:00 PM CDT
- **Chapters 7-10: Alterations and Occupancy**
Fri., June 21, 2019, 11:00 AM - 1:00 PM CDT
- **Chapters 11, 12 and 14: Additions and Historic Buildings**
Fri., June 21, 2019, 1:30 - 3:00 PM CDT

Retaining Structures

- **Earth Pressures and Surcharges**
Wed., June 26, 2019, 11:00 AM - 12:30 PM CDT
- **Cantilever & Apparent Earth Pressures**
Wednesday, June 26, 2019, 1:00 - 2:30 PM CDT
- **Apparent Earth Pressures**
Thurs., June 27, 2019, 11:00 AM - 12:30 PM CDT

Registration

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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. <input type="checkbox"/> I need special accommodations. Please contact me.	

Tuition

I will be attending the live seminar. Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

I am not attending. Please send me the self-study package:

Downloadable MP3 Audio/PDF Manual for **\$269.00**.

CD/Manual Package for **\$289.00**.

(S&H included. Please allow five 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: _____