

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**
Boise, ID - Friday, January 17, 2020



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

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Learning Objectives

You'll be able to:

Discuss the scientific, economic, environmental and aesthetic benefits of trees.

Describe the required elements for healthy trees, including preferred soil types, healthy root structure, and reduced environmental stress.

Identify common site conditions that challenge the survival and success of trees.

Get tips on maintaining tree health after planting and throughout the tree's lifespan.

Describe and fight threats to trees, including environmental conditions, diseases, pests and neglect.



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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

Professional Engineers
6.5 PDHs

Landscape Architects
6.5 LA/CES HSW PDHs

Architects
6.5 HSW CE Hours
6.5 AIA LU|HSW

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

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

International Society of Arboriculture
6.5 Certified Arborist CEUs
(more CEUs listed inside)

Contractors
Non-Credit Continuing Ed.



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AIA
Continuing
Education
Provider

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

Hilton Garden Inn Boise Spectrum 7699 West Spectrum Street Boise, ID 83709 (208) 376-1000	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
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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

National Electrical Code:

Onsite Power Generation and Distribution

- **Part I**
Wed., Dec. 4, 2019, 11:00 AM - 2:15 PM CST
- **Part II**
Thurs., Dec. 5, 2019, 11:00 AM - 2:15 PM CST

Floodplain Mapping and Regulation

- **Floods, Floodplains and Introduction to Floodplain Management**
Wed., Dec. 4, 2019, 11:00 AM - 12:30 PM CST
- **Flood Maps and Flood Zones**
Wed., Dec. 4, 2019, 1:00 - 2:30 PM CST
- **Elevations in the National Flood Insurance Program (NFIP) and Floodplain Regulation**
Thurs., Dec. 5, 2019, 11:00 AM - 12:30 PM CST
- **Practical Floodplain Management**
Thurs., Dec. 5, 2019, 1:00 - 2:30 PM CST

Retaining Walls and Slope Stabilization

- **Retaining Wall Basics**
Tues., Dec. 10, 2019, 11:00 AM - 12:00 PM CST
- **Geosynthetics and Retaining Walls**
Tues., Dec. 10, 2019, 12:30 - 3:00 PM CST
- **Slope Stability and Geosynthetics**
Wed., Dec. 11, 2019, 11:00 AM - 12:30 PM CST
- **Slope and Retaining Wall Failures, Fixes and Prevention**
Wed., Dec. 11, 2019 , 1:00 - 3:00 PM CST

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

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states. Educators and courses are not subject to preapproval in Idaho.

This program also offers a non-credit continuing education opportunity to Idaho landscape architects and contractors. The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs. Only full attendance is reportable to the LA/CES.

The American Institute of Architects Continuing Education System has approved this course for 6.5 LU|HSW (Sponsor No. J885). Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing. Only full attendance is reportable to the AIA/CES.

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

The International Society of Arboriculture has approved this course for the following CEUs: 6.5 Certified Arborist and Municipal Specialist, 5.75 Climber Specialist, Aerial Lift, and Utility Specialist, 3.25 BCMA Management, 2.0 BCMA Science, and 1.25 BCMA Practice.

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.

Registration

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<div><h3>How to Register</h3><div><p>Online: www.halfmoonseminars.org</p><p>Phone: 715-835-5900</p><table><tr><td>Fax: 715-835-6066</td><td>Code:</td></tr></table><p>Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278</p><p>Complete the entire form. Attach duplicates if necessary.</p></div></div>	Fax: 715-835-6066	Code:	<div><h3>Registrant Information</h3><p>Name: _____</p><p>Company/Firm: _____</p><p>Address: _____</p><p>City:_____State: _____ Zip_____</p><p>Occupation: _____</p><p>Email: _____</p><p>Phone: _____</p><p>Additional Registrants:</p><p>Name: _____</p><p>Occupation: _____</p><p>Email: _____</p><p>Phone: _____</p><p>Name: _____</p><p>Occupation: _____</p><p>Email: _____</p><p>Phone: _____</p><p><small>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.</small></p><p>() I need special accommodations. Please contact me.</p></div>
Fax: 715-835-6066	Code:		

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**.

☐ USB/Manual Package **\$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: _____

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