

Agenda

Presented by John Palmer, BCMA

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

Added Value:

Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date.
(Must attend live webinar to earn live webinar credits)

Can't Attend? Order the Webinar as a Self-Study 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.

The Tree Course: Science, Design, and Sustainability

Live, Interactive Webinar - Friday, May 13, 2022



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 affect trees.

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

Learn about protecting trees from threats to their health.



HalfMoon Education Live Webinars

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

Analyze how biology, soil, stress and other factors impact trees

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

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

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

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 CESHWS PDHs

Foresters
SAF Pending

ISA
ISA Pending



AIA
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Faculty

John Palmer, BCMA PlanetCare Landscape and Arboricultural Services
Mr. Palmer is a Consulting Arborist, Board Certified Master Arborist 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:

“John is one of two presenters in the last 30 years who has held my interest throughout an entire all day program.” – Architect

“Excellent presentation & content. I especially appreciated all of the references in the material.” – Civil Engineer

Webinar Information

Log into Webinar 8:30 - 9:00 am CDT	Break 12:45 - 1:15 pm CDT
Morning Session 9:00 am - 12:45 pm CDT	Afternoon Session 1:15 - 4:30 pm CDT

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.

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

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 self-study package. You may also authorize another person to take your place.

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Recordings of this webinar are available for purchase. 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

Boundaries and Easements
- Wed, Apr 20, 2022 | 11:00 am - 2:15 pm CDT
- Thurs, Apr 21, 2022 | 11:00 am - 2:15 pm CDT

Low Impact Development
- Wed, Apr 20, 2022 | 10:00 am - 2:00 pm CDT
- Thurs, Apr 21, 2022 | 10:00 am - 12:45 pm CDT

Managing Construction with AIA Document A201: General Conditions
- Thurs, Apr 21, 2022 | 9:00 am - 4:30 pm CDT

Colorado River Management: Science, Law and Policy
- Mon, Apr 25, 2022 | 7:30 am - 2:30 pm CDT

Onsite Wastewater Treatment Systems: Innovations, Commercial and Cluster Systems
- Mon, Apr 25, 2022 | 8:30 am - 4:00 pm CDT

Decentralized Onsite Wastewater Treatment Systems: Ongoing Innovation for the 21st Century
- Tues, Apr 26, 2022 | 8:45 am - 5:00 pm CDT

Shoreline Protection - Lakes, Ponds and Other Inland Waters
- Tues, Apr 26, 2022 | 8:30 am - 4:30 pm CDT

Wildfire Management on Rural Lands
- Thurs, Apr 28, 2022 | 12:00 - 3:15 pm CDT
- Fri, Apr 29, 2022 | 12:00 - 3:15 pm CDT

Wetland Restoration
- Fri, Apr 29, 2022 | 8:30 am - 4:00 pm CDT

Reading, Interpreting and Writing Land Descriptions Workshop
- Fri, Apr 29, 2022 | 9:00 am - 4:00 pm CDT

HVAC Primer for Design Professionals
- Tues, May 3, 2022 | 8:30 am - 4:30 pm CDT

Retaining Wall Design and Slope Stabilization Techniques
- Thurs, May 5, 2022 | 11:00 am - 2:15 pm CDT
- Fri, May 6, 2022 | 11:00 am - 2:15 pm CDT

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

Continuing Education Credit Information
This webinar is open to the public and offers 6.5 PDHs to professional engineers in all states, 6.5 HSW continuing education hours to architects in all states, and 6.5 HSW continuing education hours to landscape architects in most 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, architects and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2), §69.6(i)(2) and §79-1.5(i)(2)). Courses approved by the AIA/CES qualify for Florida and New Jersey architects. 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 LU | HSW (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.

This webinar has been submitted to the Society of American Foresters for CFE credits and approval is pending.

This webinar has been submitted to the International Society of Arboriculture for CEU credits and approval is pending.

Visit this course listing at www.halfmoonseminars.org for updates on pending credits. Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Registration

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How to Register Online: www.halfmoonseminars.org Phone: 715-835-5900 <table><tr><td>Fax: 715-835-6066</td><td>Code:</td></tr></table> Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278 Complete the entire form. Attach duplicates if necessary.	Fax: 715-835-6066	Code:	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.
Fax: 715-835-6066	Code:		
Tuition () I will be attending the live webinar. Single Registrant - \$319.00. Two or more registrants from the same company registering at the same time - \$289.00 each. () I am not attending. Please send me the webinar recording: ☐ Streamable MP4 Video/PDF Manual for \$329.00. ☐ USB Video/PDF Manual for \$329.00. Checks: Make payable to HalfMoon Education Inc. Credit Card: <i>Mastercard, Visa, American Express, or Discover</i> Credit Card Number: _____ Expiration Date: _____ CV2 Code: _____ Cardholder Name: _____ Billing Address: _____ City: _____ State: _____ Zip: _____ Signature: _____ Email: _____			
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