

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

The Tree Course:

Science, Design, and Sustainability

Live, Interactive Webinar - Wednesday, September 30, 2020



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 soil 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.



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HalfMoon Education Online Learning

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

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

Consider site plan elements that incorporate new tree plantings and 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

Landscape Architects

6.5 HSW CE Hours

LA CES

6.5 HSW PDHs

Certified Arborists

6.5 ISA CEUs (more inside)

Foresters

SAF Pending

Architects

6.5 HSW CE Hours

AIA

6.5 LU|HSW



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AIA
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Provider



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:

“Great speaker-dynamic & passionate about trees and tree science.” – Architect

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

Webinar Information

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

Tuition

\$299 for individual registration

\$199 for three 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.

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

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

Current Issues in Interior Design

- Mon., Sept. 21, 2020 | 11:00 am - 3:05 pm CDT
- Tues., Sept. 22, 2020 | 11:00 am - 1:25 pm CDT

Designing for Accessibility under ADA Standards and IBC

Tues., Sept. 22, 2020 | 8:30 am - 4:30 pm CDT

Floodplain Modeling, Mapping and Regulation

- Tues., Sept. 22, 2020 | 10:00 am - 2:00 pm CDT
- Wed., Sept. 23, 2020 | 10:00 am - 2:00 pm CDT

Geothermal Heating and Cooling: Technology and Applications

- Tues., Sept. 22, 2020 | 8:30 am - 4:30 pm CDT

Wood as a Raw Building Material

- Wed., Sept. 23, 2020 | 10:00 am - 1:30 pm CDT

Drones in Construction

- Thurs., Sept. 24, 2020 | 11:00 am - 2:30 pm CDT
- Fri., Sept. 25, 2020 | 11:00 am - 3:00 pm CDT

Introduction to Mass Timber Construction

- Fri., Sept. 25, 2020 | 10:00 am - 1:30 pm CDT

International Plumbing Code

- Fri., Sept. 25, 2020 | 8:30 am - 5:00 pm CDT

2018 International Residential Code: Structural Construction

- Fri., Sept. 25, 2020 | 11:00 am - 3:30 pm CDT

Parking Structure Design, Construction and Maintenance

- Tues., Sept. 29, 2020 | 11:00 am - 3:00 pm CDT
- Wed., Sept. 30, 2020 | 11:00 am - 2:30 pm CDT

Project Management Fundamentals for Engineers

- Tues., Sept. 29, 2020 | 8:30 am - 4:00 pm CDT

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

Continuing Education Credit Information

This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states. It offers 6.5 HSW continuing education hours to landscape architects in most states. HalfMoon Education will not be seeking landscape architect course approval in Florida, New Jersey, or North Carolina.

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), North Carolina (S-0130), and North Dakota. 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) and §69.6(i)(2), §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.

This course has been approved by the American Institute of Architects Continuing Education System 6.5 LU|HSW (Sponsor No. J885) and the Landscape Architect Continuing Education System for 6.5 HSW PDHs. Only full participation is reportable to the AIA/CES and LA CES.

The International Society of Arboriculture has approved this event for the following CEUs: 6.5 Certified Arborist, Municipal Specialist; 5.75 Climber Specialist, Utility Specialist, Aerial Lift; 3.25 BCMA Management; 2 BCMA Science; 1.25 BCMA Practice.


HalfMoon Education has applied to the Society of American Foresters for continuing education course approval, which is pending. Visit www.halfmoonseminars.org for current credit information.

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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Online: www.halfmoonseminars.org	
Phone: 715-835-5900	
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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: _____ <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> <input type="checkbox"/>  I need special accommodations. Please contact me.	

Tuition

I will be attending the live webinar. Single Registrant - **\$299.00**. Three or more registrants from the same company registering at the same time - **\$199.00** each.

I am not attending. Please send me the webinar recording:

- Streamable MP4 Video/PDF Manual for **\$279.00**.
- USB Video/PDF Manual for **\$279.00**.

Checks: Make payable to HalfMoon Education Inc.

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