

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
- Oxygen
- Native vs. non-native
- Roots
- Stress

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
- Soil volume
- Proper structure
- Lifespan
- Increasing value

Threats to Trees

- Biotic and abiotic
- An ounce of prevention
- Computer modeling risks
- Neglect

Choose the way you want to learn!

This program will be presented simultaneously live, in-person *and* live online! Move from in-person to online anytime!

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

Recordings of this seminar 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.

**The Tree Course:
Science, Design, and Sustainability**
Columbus, OH or Online - Friday, July 15, 2022

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PO Box 278
Altoona, WI 54720-0278



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.



Live, In-Person Seminar and Live Webinar

The Tree Course: Science, Design, and Sustainability

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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** 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 CES HSW PDHs
- Foresters**
6.5 SAF Cat. 1 Hours
- ISA**
6.5 ISA CEUs



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WWW.HALFMOONSEMINARS.ORG

Faculty

John Palmer, BCMA
Board Certified Master Arborist and Advanced Tree Risk Assessor from Cleveland, OH
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

Seminar/Webinar Information

Hyatt Place Columbus/OSU
795 Yard Street
Columbus, OH 43212
(614) 280-1234

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

Webinar Information:
Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar.
For system requirements, please visit the FAQ section of our website, or visit www.gotowebinar.com.

Tuition
\$319 for individual registration
\$289 for three or more registrants from the same company at the same time.
Included with your registration: *PDF Seminar Manual.*
A printed manual is available for an additional cost upon request. Please call to order.

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: Transfer from seminar to webinar or from webinar to seminar at any time without charge! Cancel at least 48 hours before the start of the seminar/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 seminar/webinar or the self-study package. You may also authorize another person to take your place.

Additional Webinars

- Passive House for the Great Lakes Region**
- Thurs, June 9, 2022 | 8:00 - 3:50 pm EDT

Open Channel Hydraulics and Design
- Fri, June 10, 2022 | 9:30 am - 5:30 pm EDT

Erosion and Sediment Control
- Tues, June 14, 2022 | 10:00 am - 2:00 pm EDT
- Thurs, June 16, 2022 | 10:00 am - 2:00 pm EDT

Engineering Projects from Start to Finish
- Tues, June 21, 2022 | 9:30 am - 5:30 pm EDT

The NEW 2021 Minimum Standards for ALTA/NSPS Land Title Surveys
- Tues, June 21, 2022 | 10:00 am - 1:15 pm EDT

The Art of Retracement for Surveyors
- Wed, June 22, 2022 | 9:30 am - 5:00 pm EDT

Mature Tree Management
- Wed, June 22, 2022 | 10:00 - 12:00 pm EDT
- Easements and Rights-of-Way**
- Thurs, June 23, 2022 | 9:30 am - 5:00 pm EDT

Slope Stabilization and Landslide Prevention
- Thurs, June 23, 2022 | 9:30 am - 4:30 pm EDT

Drones in Construction
- Fri, June 24, 2022 | 9:30 am - 4:50 pm EDT

The Urban Forest: Challenges and Opportunities
- Fri, June 24, 2022 | 10:00 am - 5:30 pm EDT

Creating a HEC-RAS Model
- Tues, June 28, 2022 | 9:30 am - 5:00 pm EDT

Pedestrian and Bicycle Transportation Planning and Design
- Wed, June 29, 2022 | 10:00 am - 4:50 pm EDT

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, 6.5 HSW continuing education hours to licensed architects, and 6.5 HSW continuing education hours to landscape architects in all 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)). 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 | HSWs (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. Only full participation is reportable to the LA CES.

The Society of American Foresters has approved this course for 6.5 SAF Cat. 1 hours.

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

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Registration

The Tree Course: Science, Design, and Sustainability

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How to Register		Registrant Information	
Online: www.halfmoonseminars.org		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			
Single Registrant - \$319.00 . Three or more registrants from the same company registering at the same time - \$289.00 each			
() Seminar: I will be attending the presentation, live, in person, in Columbus, OH <i>No walk-in registrations will be accepted.</i>			
() Webinar: I will be attending the presentation live, online			
() I am not attending. Please send me the seminar 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: _____ CVV2 Code: _____			
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