

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

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The Tree Course: Science, Design, and Sustainability

Live, Interactive Webinar - Friday, May 31, 2024

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HalfMoon Education Inc.
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.

HalfMoon Education Inc.,
Your LIVE Education Leader Presents

The Tree Course: Science, Design, and Sustainability

Live, Interactive Webinar - Friday, May 31, 2024



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

International Society of Arboriculture (ISA)
6.5 CEUs

Society of American Foresters (SAF)
Up to 6.5 Cat. 1 CFE Credits*



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Webinar Information

Friday, May 31, 2024

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

\$339 for individual registration.

\$309 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
- Call customer service at 715-835-5900

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Faculty

John Palmer, BCMA

Board Certified Master Arborist and Advanced Tree Risk Assessor from Cleveland, OH
Mr. Palmer is a Board Certified Master Arborist®. He is Tree Risk Assessment Qualified by the International Society of Arboriculture, and he is a Consulting Arborist. He was the owner of a premium services landscaping company for 20 years. Mr. Palmer's 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. He does tree assessments for individuals, commercial clients, law firms, insurance companies, municipalities, landscape architecture firms, parks and woodland management agencies, and he has assessed and evaluated thousands of individual trees in the past decade.

Here's what past attendees had to say about presenter John Palmer:

"Very good. Very useful. I will change some of what I have been doing based on what I have learned from this webinar." –Civil Engineer

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

Additional Learning

Heritage Trees: Why and How to Save and Protect Them

- Friday, May 17, 2024 | 10:00 am - 1:00 pm CDT

Building Power System Grounding and Bonding Based on NEC 2023

- Monday, May 20, 2024 | 12:00 - 2:00 pm CDT

Construction Contract Workshop

- Monday, May 20, 2024 | 8:30 am - 5:00 pm CDT

Determining Means of Egress Compliance Using the 2021 IBC

- Monday, May 20, 2024 | 8:30 am - 4:00 pm CDT

Managing Solar Gain

- Tuesday, May 21, 2024 | 9:00 am - 12:20 pm CDT

Wetland Preservation, Restoration, Creation and Enhancement

- Tuesday, May 21, 2024 | 10:00 am - 12:00 pm CDT

Developments in Fenestration

- Wednesday, May 22, 2024 | 9:00 am - 12:20 pm CDT

How to Use Less "Toxic" Weed Control

- Wednesday, May 29, 2024 | 10:00 am - 12:00 pm CDT

Understanding Subsidence Caused by Groundwater Withdrawal

- Wednesday, May 29, 2024 | 12:00 - 2:00 pm CDT

Deep Dive into Concrete and Rigid Pavements for Streets, Roads and Parking Areas

- Thursday, May 30, 2024 | 2:00 - 4:00 pm CDT

For more information and other online learning opportunities visit:

www.halfmoonseminars.org

Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers, 6.5 HSW continuing education hours for licensed architects, and 6.5 HSW continuing education hours for 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 and 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)). 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 HSW LUs (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 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.

*Foresters may be able to earn up to 6.5 Category 1 CFE credits through the CFE post-approval process with the Society of American Foresters (SAF). Credit determination will be made by SAF.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:

6.5 HSW LUs (AIA) 6.5 HSW PDHs (LA CES)