

# 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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EAU CLAIRE, WI  
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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\*



AIA  
Continuing  
Education  
Provider



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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](http://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](http://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)