

Agenda

Identifying Threats to Trees

- Tree selection and planning (wrong tree wrong place)
- Abiotic disorders
- Improper planting and maintenance practices
- Invasive species
- Changing climate
- Socioecological (how humans interact with and impact trees)

J.P. McDonnell

Tree Preservation During Construction

- Best management practices
- A300 Standards – managing trees during development
- Arborist role in construction phases
- Case study examples

J.P. McDonnell

Tree Pests

- Common tree pests: identification, treatment and prognosis
 - Our urban forests and landscapes are exposed to both native and invasive arthropod species that threaten their health. We will cover common pests we encounter on trees including scale insects, damaging caterpillars, leaf feeding beetles, and emerging pests such as spotted lanternfly.

P. Anderson

Tree Diseases

- Common tree diseases: identification, treatment and prognosis
 - Our urban forests and landscapes create ideal conditions for various pathogens to become diseases of our trees. We will discuss fungal, bacterial, and oomycete diseases. Take aways will include developing strategies to manage diseases with cultural controls as well as proper timing of control products.

P. Anderson

Heritage, Historic and Landmark Trees

- Defining trees of special significance
- Heritage
- Historic
- Landmark
- Ordinances, programs that confer special status

M. Shaw

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Urban Tree Preservation in the Eastern U.S.

Live, Interactive Webinar - Tuesday, June 25, 2024

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HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

- Identify** various threats to urban trees, including abiotic disorders, invasive species, changing climates, and socioecological impacts.
- Adopt** best management practices for preserving trees during construction, including adhering to A300 standards, and understanding the role of arborists in construction phases.
- Explore** common tree pests, such as scale insects and damaging caterpillars, and identify appropriate treatment strategies.
- Identify** common tree diseases, including fungal, bacterial, and oomycete infections, and develop strategies for disease management.
- Differentiate** between heritage, historic and landmark trees, understand their importance, and explore the ordinances and programs that confer this special status.



HalfMoon Education Inc.,
Your LIVE Education Leader Presents

Urban Tree Preservation in the Eastern U.S.

Live, Interactive Webinar - Tuesday, June 25, 2024



- Identify** threats to urban trees from pests, diseases and development
- Examine** common tree diseases and explore management techniques
- Get tips** on preserving trees during development and construction
- Learn** about heritage, historic and landmark trees and **identify** the programs that confer special status
- Identify** common urban tree pests and discuss treatments

Continuing Education Credits

- | | |
|---|--|
| Professional Engineers
6.5 PDHs | Landscape Architects
6.5 HSW CE Hours
6.5 LA CES HSW PDHs |
| Architects
6.5 HSW CE Hours
6.5 AIA LU HSW | Arborists
6.5 ISA CEUs |



Webinar Information

Online - Tuesday, June 25, 2024

Log into Webinar 8:30 - 9:00 am EDT	Break 11:45 am - 12:15 pm EDT
Morning Session 9:00 - 11:45 am EDT	Afternoon Session 12:15 - 4:30 pm EDT

Tuition
\$339 for individual registration.
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Faculty

JP McDonnell, RCA, BCMA, TRAQ
SavATree Consulting Group
Mr. McDonnell is the assistant manager of SavATree Consulting Group. He supports the nationwide team of consulting arborists while consulting on projects around DC Metro and beyond. Prior to SavATree, Mr. McDonnell was an urban forester at NYC Parks where he managed city contracts, performed thousands of tree risk assessments, and served as Staten Island Forestry's expert witness in tree-related claims. Mr. McDonnell is an American Society of Consulting Arborists (ASCA) registered consulting arborist, ISA board certified master arborist, and holds the ISA Tree Risk Assessment Qualification (TRAQ) and ASCA Tree and Plant Appraisal Qualification (TPAQ). He serves on ISA's Appeals Committee and Certification Test Committee, ASCA's Membership Committee, and is SavATree's Voting Representative of the ANSI ASC A300 Committee. Mr. McDonnell earned a master degree of Natural Resources and a graduate certificate in Leadership for Global Sustainability from Virginia Tech. He recieved his bachelor of science in Forestry from Sewanee: The University of the South in Tennessee.

Patrick Anderson
Rainbow Ecoscience
Mr. Anderson is the director of Research & Arborologists for Rainbow Ecoscience where he provides direction for Rainbow's regional technical arboricultural/ horticultural advisors and research scientists. Mr. Anderson has a B.S. degree in Forest Science from Penn State University, is an ISA board-certified master arborist and municipal specialist, is ISA Tree Risk Assessment Qualified, is an ASCA registered consulting arborist, is ASCA Tree and Plant Appraisal Qualified, and is a North Carolina licensed landscape contractor. In addition, he served as the associate voting member of the ASC A300 Committee and is current Immediate past-president of the American Society of Consulting Arborists.

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.

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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.

Marty Shaw RCA BCMA
Author of The Professional Amenity Plant Appraisal Handbook
In the late 1970's and early 1980's, Mr. Shaw grew up in the sleepy little Appalachian town of Bristol, Tennessee, a small city that rests on the boundary between the two states of Tennessee and Virginia. Upon graduation from Bristol Tennessee High School, he enlisted in the United States Navy where he served as ships baker aboard the USS Shark (a fast attack submarine) for four years. When his enlistment came to an end he took a job selling lawn care service to residential owners in Milwaukee, Wisconsin, and later, moved to Knoxville, Tennessee where he worked as general manager of a landscape contracting company while attending the University of Tennessee for Ornamental Horticulture and Landscape Design. Eventually, Mr. Shaw took over as president of a wholesale tree care supply business and built the company from \$70,000 in sales to over \$1.2 million in just seven years. During that time, he married his wife Kristin and they had two children together. With encouragement from Kristin he also developed an interest in arboricultural consulting, and on May 11th, 1999, he became the first American Society of Consulting Arborist (ASCA) member in Middle Tennessee. From 1998 to 2003, he also served on the Tennessee Urban Forestry Council. Mr. Shaw has since consulted with private land owners, insurance companies, attorneys, tree companies, cooperative extension service agents, country clubs, state urban forestry organizations, universities, and colleges. He has worked on some of the most challenging, difficult and highest profile cases across the United States. Mr. Shaw is a registered consulting arborist, a board-certified master arborist and one of only a handful of arborists worldwide who consult full-time. He is a UAS pilot, a real estate appraiser and he brings a broad range of skills from a variety of scientific and professional disciplines. An autodidact, Mr. Shaw brings a unique perspective and a talent for learning to any project. He has developed authoritative expertise to create a greater understanding in tree-related matters.

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 course for the following CEUs: 6.5 Certified Arborist, Climber Specialist, Municipal Specialist, Aerial Lift Specialist; 6.5 ISA BCMA Practice.

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