



Midwestern Chapter International Society of Arboriculture



M E M B E R S T A T E S

KANSAS ▪ MISSOURI ▪ NEBRASKA ▪ NORTH DAKOTA ▪ OKLAHOMA ▪ SOUTH DAKOTA

Midwestern ISA 2019 Conference

15.75 CEUs will be available!

Hilton St. Louis Frontenac
1335 S Lindbergh Blvd, Frontenac, MO

February 5: Tuesday 6:00 pm Executive Committee Meeting
February 6: Wednesday 8:00 am **Arborist Certification Testing**
Board of Directors Meeting 1:00 pm Welcome and Intro

1:10 pm **Ethic and Arboriculture** (Lindsey Purcell, Urban Forestry Extension Specialist, Purdue University)

Arboriculture has evolved into an applied science over many years and basic principles have forged the way for our industry and continue to influence practice and philosophy. Learn how we can build an ethical practice based on the tenets of the medical profession and create a sustainable environment for our business, employees and customers.

2:00 pm Break with Exhibitors

2:25 pm **Tree Risk and Mitigation** (Mark Duntemann, Senior Consultant, Natural Path Forestry)

A discussion about the different measurement methods used on a range of tree failure and appraisal cases. Focus of the talk will center on how to take and describe accurate measurements for a range of reporting needs. The session will also refine measurement skills for elements of the Tree Risk Assessment Qualification.

3:45 pm **GIS Technologies: Managing Community Forests at the Public and Private Level** (Elizabeth Dierickx, Marketing Specialist, Plan-It Geo)

Private, non-profit, local and state government entities are adopting GIS technologies into their everyday work management and public outreach efforts. We will cover what is GIS, how it is transitioning the management of our urban forests both on public and private property level and what are the applications. We will also explore real life examples of how segments of the urban forest industry are using data to power their profits, outreach and/or the creation of work efficiency.

4:45 pm Reception with Exhibitors

February 7: Thursday 7:00 am Past Presidents Breakfast

Utility and Tree Worker Safety Track

8:00 am **Utility Line Clearance Safety** (Dan Mekkes, Training Specialist, Townsend Co)

Line clearance is a high-risk profession that is performed safely by thousands of arborists each day. This talk will discuss the key practices to safe and efficient line-clearance and is applicable to any arborist working near electrical conductors.

9:00 am **Chain Saw Operation and Maintenance** (Cary Shepherd, National Training Specialist, Husqvarna)

A safe saw is a sharp saw, but a safe saw is also a well-maintained saw. This presentation will cover all the critical maintenance needs of a chain saw and how to obtain the maximum performance and life for this vital tool of our trade.

9:45 am Break with Exhibitors

10:15 am **What Climber Needs to Know About Rigging** (Mark Chisholm, Aspen Tree Expert Co)

This presentation will delve into the intricate world of rigging for tree removals. With the help of jobsite photos and videos, Mark will discuss the systematic approach used for performing rigging for removals and pruning.

Tree Care Track

8:00 am **The Science of Root and Stem Cutting and its Practical Implication on Managing Construction near Trees** (Tom Smiley, Senior Arboricultural Researcher, Barlett Tree Research Laboratory)

This talk will discuss research on root and stem cutting and its impact on tree stability. From that scientific research we can draw implications to the practice of protecting trees near construction that will improve tree survival after the construction process has ended.

9:00 am **Tree Pruning Essentials** (Lindsey Purcell)

Pruning has been called "one of the best, worst maintenance practices" performed on trees. The process creates wounds and removes tissue which have a major impact on plant processes. To prune properly, it is important to understand both the proper techniques, dose and impact on the plant. This presentation explains all the essential information you need to understand and begin pruning, properly.

9:45 am Break with Exhibitors

10:15 am **Tree Risk and the Use of Drones in Arboriculture** (Tom Smiley)

There are two levels of tree risk assessment in which drones can be used to inspect trees. In addition, there are other application for the use of drones that may become common practice in the future. They will be discussed, and video clips of the process will be shown.

11:45 am Break with Exhibitors
 12:15 pm Business Meeting Luncheon and Award Ceremony
 1:15 pm Break with Exhibitors
 1:45 pm **The New Plant Appraisal Guide** (Mark Duntemann)
 The Guide for Plant Appraisal, 10th Edition, is now out and represents significant changes in how we perform plant valuation. This presentation will include discussion on the core concepts and terminology and the increased emphasis on the importance of the environmental and ecological benefits that plants provide to the landscape.
 2:45 pm Break with Exhibitors
 3:15 pm **The Business of Tree Care** (Mark Chisholm)
 Tree care is more than just trees, it's how you work with other professionals and interact with your clients. Mark will provide an insightful look at the arboriculture profession and how we can improve the profession.
 5:00 pm Evening Social and Silent Auction with Exhibitors

February 8: Friday

8:00 am **Soils Management** (John Lloyd, Precision Organics)
 This presentation will cover the impact that soil amendments have on soil microbes and urban plantings. Dr. Lloyd will highlight the most recent research discoveries that are integral to understanding the mechanisms available to build healthy urban soils.
 9:00 am **The new Z** (John Ball, Extension Forestry Specialist, South Dakota State University)
 The new addition of the Z133 American National Standard for Arboricultural Operations – Safety Requirements was published recently and there are many changes in the recommendations and requirements in how we do our work. This presentation will cover key changes and how adhering to the standard can save lives.
 10:00 am Break
 10:30 am **Pest Update** (Laurie Stepanek, Forest Health, Nebraska Forest Service and John Ball)
 This annual update will cover all the present and potential threats to trees within the Midwest. There are always new pests appearing in the landscape and this presentation will cover the diagnostic and management of the new, as well as the common, pests.
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Registration Fees

Daily Registration

- 1. **Member Registration Fee \$200.00**
- 2. **Non-Member Registration Fee \$230.00**

- 2. **Non-Member Registration Fee \$375.00**
 Discounted Price If Registered By
 \$325.00 Tuesday, January 15, 2019

Full Conference Registration

- 1. **Member Registration Fee \$320.00**
 Discounted Price If Registered By
 \$270.00 Tuesday, January 15, 2019

- 3. **Student Registration Fee \$75.00**
 Guest Tickets for Social and Awards Reception
 Full Conference Registration for Sponsors

 - 1. **Sponsor- Full Conference \$270.00**
 - 2. **Extra Social Ticket Fee \$35.00**