



Digging Deeper: Exploring Tree Systems from the Inside Out
Agenda

Wednesday

September 25, 2024

11:30 a.m. – 5:00 p.m.

**Pre-Conference Workshop: “Digging Deeper Into Tree Ordinances”
Hickory Metro Convention Center**

Participants will learn about tree ordinances from urban foresters and planners from Wilmington, Raleigh, High Point, Charlotte, Union County, and Cary, then move to interactive round table discussions to discuss and problem solve tree ordinance issues, problems, and struggles.

11:30 – 12:00 – Registration/Check-in

12:00-12:30 – Lunch and Networking (included)

12:30-1:45 – Municipal Showcase – presentations from moderators:

- Chris Crum, Development Forester, City of Raleigh
- Amy McBride, Senior Planner, City of High Point
- Leslie Moorman, Urban Forester, Town of Cary
- Keith O’Herrin, Urban Forester, NC Cooperative Extension – Union County
- Tim Porter, Chief Urban Forester, City of Charlotte
- Sally Thigpen, Assistant Director of Parks & Recreation, City of Wilmington

1:45-2:00 – Break

2:00-4:30 – Round Table Discussions

2:00– 2:20 – Round Table Discussion 1 – topic: Enforcement

2:20 – 2:40 – Group discussion

2:40 – 3:00 – Round Table Discussion 2 – topic: Incentives

3:00 – 3:20 - Group discussion

3:20 – 3:40 – Break

3:40 – 4:00 – Round Table Discussion 3 – topic: Tree Protection

4:00- 4:30 – Group Discussion

4:30 -5:00 – Lessons Learned, Closing Remarks



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Thursday
September 26, 2024
7:30 a.m. – 4:45 p.m.
Indoor Education
Hickory Metro Convention Center

7:30–8:30 a.m. – Registration

Coffee and continental breakfast while visiting with exhibitors

8:30–8:45 a.m. – General Session Welcome and Opening Remarks

Mark Livingston, NC Urban Forest Council, Chair

8:45–10:00 a.m. – Morning Keynote Address – Soils, Tree Nutrition, and a Decision Matrix

Dr. Les Werner, Director of the Wisconsin Forestry Center and Professor of Urban and Community Forestry
College of Natural Resource, University of Wisconsin-Steven's Point.

This presentation will examine fundamental soil properties that can be used to assess site fertility and how the application of a supply and demand matrix can assist with nutrient management decisions.

10:00–10:30 a.m. – Break with Exhibitors

10:30 a.m.–12:30 p.m. – Concurrent Education Sessions

10:30–11:30 a.m.

- **Arborist Tract: *Biochar Applications and Lifecycle in the Green Industry***
Dr. Chris Fields-Johnson, Tree Conservation Specialist & Technical Advisor, Davey Institute
- **Urban Planning Tract: *The Ins and Outs of the Recovery Act, and other government updates***
Andy Pleninger, Urban & Community Forestry Program Head NC Registered Forester, and ISA
Certified Arborist, North Carolina Forest Service

11:30 a.m.–12:30 p.m.

- **Arborist Tract: *Beneficial Insects in Residential Landscapes***
Jeremy Sloan, PhD, Entomologist-TRAQ, Bartlett Tree Experts
- **Urban Planning Tract: *Tree Survey for First Responders***
Joseph Joyner, Senior Associate Consultant, Davey Resource Group

12:30–1:30 p.m. – Great NC Tree Luncheon (meal included with registration)



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Thursday, continued

1:30–3:30 p.m. – Concurrent Sessions

1:30-2:30 p.m.

- **Arborist Tract: *The plants, the pests and the bees: Surviving the three-way duel***
JC Chong, Technical Development Manager, SePRO Corporation
- **Urban Planning Tract: *Treesilience, a Trees for Charlotte Initiative***
Joi Mayo, Community Engagement Manager, Trees Charlotte

2:30–3:30 p.m.

- **Arborist Tract: *Selling Pruning Practices to your client that will sustain the trees and your business***
Jeffrey Kish, Southeast Assistant Division Manager, F. A. Bartlett Tree Expert Company
- **Urban Planning Tract: *Creating a Unified Development Ordinance (UDO)***
Tim Porter, Chief Urban Forester – Division Manager, City of Charlotte

3:30–3:45 p.m. – Break with exhibitors

3:45–4:45 p.m. – Afternoon Keynote Session: Choosing a Safe Tie-in Point (TIP) for Climbing

Dr. Brian Kane, PhD, ISA Certified Arborist, TRAQ, and Massachusetts Arborists Association Professor
University of Massachusetts-Amherst.

Choosing an appropriate tie-in point (TIP) is a key to efficiently and safely work in a tree. A TIP that's high and central in the crown provides maximum mobility for a climber, but the TIP also has to be strong enough to bear the loads associated with climbing. Until recently, very few measurements of such loads were taken. Starting with the ITCC in 2017, Dr. Kane has measured loads at the TIP for a variety of situations including ascents, descents, limb walks and swings, and falls. This presentation will present the findings from those studies.



The
Great NC Tree
CONFERENCE

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Field Day

Friday

September 27, 2024

8:30 a.m. - Noon

Appalachian State University – Hickory Campus

8:30–9:00 a.m. – Registration

9:00 a.m. – Noon – Field Day Education

Participants will be split into groups and each group will rotate through three concurrent sessions:

- 9:00 - 10:00 am
- 10:00 - 11:00 am
- 11:00 am - 12:00 pm

Session 1: “Do You Have What It Takes to Look Inside? A Tour of the Tree’s Guts”

In this outdoor session you will join Keynote Speaker Dr. Les Werner and a professional sawyer while they “dissect” some trees. The goal is to check out the anatomy of a defect in several different tree species. We will see how strong, moderate, and weak compartmentalizers work from the inside out to manage growth response.

Session 2: “Taking the Next Steps in Understanding Load”

Keynote Speaker Dr. Brain Kane’s indoor education session spoke about how we load up those tie-in points when climbing, and in this outdoor education session he will explain how we assess that load in real time with load cells. Understanding these concepts will make you a safer, better climber.

Session 3: “From a Whisper to a Scream, What is Your Tree Telling You?”

In this outdoor session, Bartlett Tree Research Labs will demonstrate the use of both a tomograph and resistance meter. Learn how to install the equipment. Also, you will gain knowledge on how to interpret the results of this technology, which will aid you in diagnosing internal decay.