

Register Today!



The Great NC Tree CONFERENCE

ELEVENTH ANNUAL NC URBAN FORESTRY CONFERENCE



Leveraging Your Urban Forest:
Tapping into the Power of People, Planning and Trees

Winston-Salem, North Carolina • September 26-27, 2019



The Great NC Tree Conference: Leveraging Your Urban Forest

Thursday, September 26

7:30 – 8:15

NCUFC Members Breakfast

NC Urban Forest Council members are invited to join the Council Board of Directors for a networking breakfast.

7:30

Registration — coffee and continental breakfast snack with exhibitors

8:30 - 10:00 am

General Session

Welcome and Opening Remarks

Trey Warrick, NC Urban Forest Council Chair

Keynote Address: Building Diverse Tree Communities: Do Not Homogenize Your Community Forests

Dr. Kim Coder, University of Georgia

Simply counting trees in communities and mourning tree loss is an unsustainable process. Actively pursuing real tree enrichment and diversity is critical to future community health. Ecological renovation to approach sustainable tree systems is key. Minimizing tree and community forest homogeny and diversity loss is one component of management for a green future, and focus of this presentation.

10:00 – 10:30 am

Break with Exhibitors

Planning & Design

10:30 – 11:15 pm **Concurrent Sessions**

The In's and Out's of Tree Preservation, the Community Perspective – Panel Discussion

Zach Manor, *City of Raleigh*; Alex Johnson, *City of Durham*;
Keith Finch, *City of Winston-Salem*

Learn from the professionals and their experience with adopting and enforcing tree preservation and Unified Development Ordinances (UDO's) in their community. City arborists and planners from three different NC communities will overview their tree preservation ordinance and why it was developed, then highlight some lessons learned about the process and how they are being enforced.

11:20 – 12:15 pm **Concurrent Sessions**

Integrating Trees into Storm Water Design and Policy – A Tool to Make it Easier for You and Your Community

Jenny Gulick, *Urban Canopy Works LLC*

Learn to harness the power of trees to lessen the impacts of stormwater on your community, while reaping the co-benefits trees provide. A new US Forest Service tool to help you make trees part of your stormwater management plans and projects and examples of successful case studies will be discussed.

Planting & Management

The Landscape Approach to Invasive Species Early Detection and Rapid Response - A Land Conservation Challenge for the 21st Century

Dr. Randy Westbrooks, *USDA APHIS/USGS BRD*

The overall goal of IVS Early Detection and Rapid Response is to detect and eradicate new invasive species within a defined area before they spread out of control. EDRR 1.0 includes single agency-led federal state weed eradication projects. EDRR 2.0 includes Interagency Weed Eradication Projects. The Landscape Approach to EDRR (EDRR 3.0) involves promotion and development of EDRR capacity for individual public and private land units across the country.

Urban Wood Utilization in North Carolina: Practices and Perceptions of Municipalities and Certified Arborists

Dr. Eric Wiseman, *Virginia Tech*

In this presentation, you will learn about the emerging needs and opportunities for utilizing urban wood waste. Findings of a statewide survey conducted through a collaboration of North Carolina Forest Service and Virginia Tech will be presented. The survey of municipalities and certified arborists revealed how urban wood is commonly handled in the state, what products are created when wood is utilized, and what incentives and barriers exist for increasing urban wood waste utilization.

12:15 – 1:15

Urban Forestry Awards Luncheon

NC Urban Forestry Conference attendees are invited to join the NC Urban Forest Council and the NC Forest Service for their annual Awards Luncheon. Urban Forestry Awards will be presented to the 2019 winners. Our second annual silent auction will also be on display for attendees to bid on items. All proceeds from the auction go directly to our Legacy Tree Fund grant program.

Planning & Design

1:30 – 2:15 pm **Concurrent Sessions**

Integrated Pest Management for Urban Trees Starts with Design Dr. Stephen Frank, *NC State University*

Putting the right tree in the right place is a common adage that recognizes how site characteristics affect tree health and longevity. But how do you know when a site is right for a particular tree? We will discuss the effects of impervious surface cover on tree pests and tree condition and tools for planners and planters to use when deciding which trees to specify or install at a particular site.

2:20 – 3:05 pm **Concurrent Sessions**

Soil, Compost, Water and Trees: What is the Best of all Worlds? Dr. Barbara Fair, *NC State University*

We screen soil for landscape projects, run over it with heavy machinery, then add organic matter to “make it all better”. While we understand how compacted soil affects trees, we don’t completely understand how many landscape practices affect tree growth over time. Dr. Fair will discuss the possible impacts of these soil management practices and what we should really be doing to ensure healthy trees for our communities.

Planting & Management

The Impending Hurricanes: Trees Under Wind, Flood, Salt, and Surge Dr. Kim Coder, *University of Georgia*

Trees surviving past hurricanes showed tenacity, luck, and biological / structural life adjustments. Trees surviving the hurricanes to come require tree health care providers and community foresters to prepare for the onslaught which will come. Appreciating how coming hurricanes will impact trees and what managers can do to minimize damage will be the focus of this presentation.

Community Roots Day Tree Planting in Winston-Salem – Engaging the Community

George Stilphen, *Keep Winston-Salem Beautiful*

This annual tree planting event draws together hundreds of volunteers and tree experts from throughout the community to plant hundreds of trees in areas that need the reestablishment of the urban forest canopy. In the past 25 years over 12,000 trees have been planted with high survival rates.

3:05 – 3:35 pm **Break with Exhibitors**

3:35 – 5:00 pm **General Session**

The 10-20-30 Rule – Is it a Useful Standard for Urban Forest Diversity?

Mark Ambrose, *NC State University*

Since 1990, when the “10-20-30 rule” for urban forest diversity was first proposed, it has become the de facto standard for whether an urban forest is diverse enough to mitigate the risk due to invasive pests or pathogens. However, a study of data from almost 1500 urban forest inventories from across North America found that more than 95% of inventoried populations failed the 10-20-30 standard. In this presentation, we discuss the study results, possible reasons for such widespread failure to meet the 10-20-30 standard, implications for managers, and the need for a new, more flexible standard for urban tree diversity.

The Ohio Urban Site Index and Master Planting Design Process

Alan Siewert, *Ohio Division of Forestry*

Urban site quality assessment is critical to a sustainable urban forestry program. Delineating soils on a large scale for public tree planting plans has challenged urban foresters for decades. The Ohio Urban Site Index (USI) helps identify & quantify site quality based on 8 easily collected parameters. Coupled with Ohio’s systematic Master Planting Design process, communities now have a means to develop longterm urban forest strategies to more effectively plan for the future.



Friday, September 27

9:00 – 3:00

Field Day at Washington Park with demonstrations and a walking tour

Join us for a day in the field! Many of the topics discussed at the indoor education sessions will be demonstrated and discussed in real world fashion. Attendees will be split into groups and will rotate through the different stations, giving them the opportunity to see an expert demonstrate the management practice and ask questions. This is an outdoor field day with a fair amount of walking, so please dress appropriately. Lunch will be provided on site. The demonstration stations include:

- Walking Tour of Old Salem and Downtown Winston-Salem
- Tree Injection Demonstration
- Climbing and Rigging
- Invasive Species Control Measures
- Biochar and Urban Soils



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NC Urban Forestry Awards

Now in its 9th year, the NC Urban Forestry Awards program recognizes communities, organizations and individuals for outstanding work in protecting and enhancing our community forests. This awards program is a way to give back to those who have been committed to creating healthy urban forests and raising community awareness of the benefits of trees. Urban trees and forests are often an overlooked resource in our communities, as are the people who manage and protect them.

Winners will be recognized at our Awards Luncheon on September 26th!



Accommodations @

Winston-Salem Marriott

425 North Cherry Street

Winston-Salem, NC 27101

336-725-3500

Group Name:

Great NC Tree Conference 2019

Group Rate: \$146 per night

*parking included in overnight stay

Book by September 3, 2019 to get the group rate.

Featuring Keynote Speaker

Dr. Kim Coder

Warnell School of Forestry & Natural Resources, University of Georgia

Dr. Coder is a Professor of Tree Biology and Health Care, and Hill Fellow for Distinguished Public Service and Outreach, at the Warnell School of Forestry and Natural Resources, University of Georgia in Athens, Georgia, USA.

Dr. Coder was elected world President of the International Society of Arboriculture, and served as President of the Southern Chapter of ISA, the international Arboriculture Research & Education Academy (AREA), and the Georgia Urban Forest Council. He was appointed to the USDA-Secretary's NUCFAC, advising on community forestry issues. He received four of ISA's world awards -- the Shigo, Harris, Lilly, and Merit awards. He won the Arbor Day Foundation highest award -- the J. Sterling Morton award. Dr. Coder is author of over 500 technical publications and articles. He is an international lecturer and consultant to private citizens, corporations, attorneys, and communities on tree health care, tree biology, abiotic tree stress, lightning & tree protection, storm damage, biomechanics, and community forest ecology.



We wish to recognize
our corporate sponsors who help
make this event possible.



REGISTRATION FORM

ELEVENTH ANNUAL NC URBAN FORESTRY CONFERENCE • 2019

1. INFO: For **EACH Registrant**, please copy this form and fill out separately for each person. You can also register online at www.ncufc.org

Name: _____

Name for Tag: _____

Company Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Company Phone: _____

Email: _____

2. REGISTER: Please check all boxes for the events you would like to participate.

Standard Conference:
Thursday, September 26 and
Friday, September 27

- ☐ Member, early - \$135
☐ Non-member, early - \$185
☐ Member, late - \$160
☐ Non-member, late - \$210

NOTE: Early registration ends August 30th!

Standard Conference Registration: Includes full access to the indoor education on Sept. 26 and the field day on Sept. 27.

One-day registration: Includes full access to all educational sessions and lunch on day selected

Registration closes Sept. 16th

Education Day Only:
Thursday, September 26

- ☐ Member - \$110
☐ Non-member - \$135

Additional information:

- ☐ I prefer VEGETARIAN selection for meals
☐ I plan to attend the Members Breakfast on September 26

Field Day Only:
Friday, September 27

- ☐ Member - \$85
☐ Non-member - \$125

3. PAYMENT: Check (payable to NCUFC) *Thank you!*

☐ Enclosed is a check for \$_____ ☐ Agency/Company check for \$_____ will follow

4. SUBMIT: Please return this form with payment to: NCUFC Conference Registration • P O Box 37416 • Raleigh, NC 27627
You may also register online with a credit card by going to www.ncufc.org under Upcoming Events.



Questions: Call Leslie Moorman
(252) 653-6277 or email her at
ncufc1@gmail.com

North Carolina Urban
Forest Council
PO Box 37416
Raleigh, NC 27627

Early Bird • *Register by August 30th and Save!*

Legacy Tree Fund *Silent Auction*

September 26th

As part of the 2019 Great NC Tree Conference we are holding a silent auction to raise money for our Legacy Tree Fund program which offers grant funds to communities and citizen groups for tree planting projects.

Don't miss out on the opportunity to support our tree planting efforts by bidding on a number of unique items. You will have the chance to take home: handcrafted, NC-made jewelry; artisan woodworking items, like last year's reclaimed wooden bench; gift baskets showcasing a variety of NC made products; tree care equipment; and NC experiences like Airlie Gardens and overnight stay at historic Duke Mansion.

All funds raised go directly to support tree planting projects in NC.

Plant Your Legacy!

