

The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources

Issues in Tree and Forest Health Care: Assessment and Treatment

October 27-28, 2015

Instructors: Kim Coder, Kamal Gandhi and Jean Williams-Woodward
Flinchum's Phoenix, 650 Phoenix Road, Athens, Georgia



WARNELL
SCHOOL OF FORESTRY AND NATURAL RESOURCES
THE UNIVERSITY OF GEORGIA

About the Program

This course will focus on key components of tree and forest health in Southern forested landscapes. In-depth topics will include insect threats, tree diseases, and abiotic stress factors such as soil compaction and drought.

Who Should Attend?

This course is for arborists, foresters, tree health care providers, urban/community foresters, landscape architects, landscape managers, nursery managers and others responsible for tree health care.

Registration Fees

The fee for this course is \$295, which includes instructional materials, two luncheons, and refreshment breaks. There is a \$50.00 discount for a fee paid by check or credit card and postmarked by October 6, 2015. Pre-registration must be accompanied by check, purchase order, or credit card number to guarantee a place in the course. Limited seating is available. The last day for registration is October 23. No walk-ins will be allowed.

Speakers

Kim D. Coder, Professor of Tree Biology & Health Care, Warnell School, University of Georgia, Athens, GA.

Michelle S. Frank, Biologist & Manager -- Pesticide Use & Invasive Plant Program, USDA Forest Service, Atlanta, Georgia.

Kamal Gandhi, Associate Professor of Forest Entomology, Warnell School, University of Georgia, Athens, Georgia.

Pam N. Knox, Agricultural Climatologist, CAES, University of Georgia, Athens, Georgia.

Joan Scales, Manager, Sustainable Community Forestry Program, Georgia Forestry Commission, Athens, Georgia.

Jean Williams-Woodward, Associate Professor of Plant Pathology, CAES, University of Georgia, Athens, Georgia.

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Course Itinerary

Tuesday, October 27, 2015

8:30-9:00am Registration

9:00-9:15 Welcome & Introduction

9:15-10:15 Climate Impacts: Changing Tree & Forest Lives – Knox

10:15-10:30 Coffee Break - provided

10:30-11:00 Introduction to Forest Insects & Forest Health Issues in Southern Forests: New & Old Foes – Gandhi

11:00-12:00 Bark Beetles, Ambrosia Beetles, & Woodboring Forest Insects: Identification, Damage, & Management – Gandhi

- Major species in the South
- Identification and differentiating damage
- Case studies of diagnosis and management

12:00-1:00 Lunch - provided

1:00-2:00 Defoliating & Sap-Sucking Forest Insects: Identification, Damage, & Management – Gandhi

- Major groups of insects and categories of damage
- Recent case studies of diagnosis and management

2:00-3:00 New & Emerging Exotic Forest Insects: Identification, Damage, Management, & Current Regulation – Gandhi

- Paying close attention to exotic insects
- Major new and coming insects to the South
- Case studies of exotic insects and their management

3:00-3:15 Coffee Break - provided

3:15-4:00 Tree Health & Risk Assessments – Scales

- Health management
- Storm damage
- Damage mitigation

4:00-5:30 The Coming Ice Storm: Ice Accumulation & Tree Damage – Coder

- Historic patterns
- Ice loads
- tree species susceptibility

5:30 Dinner on your Own

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Wednesday, October 28, 2015

8:00-8:15 Housekeeping Items

8:15-9:00 Diagnosing Tree Problems: How Would I Know?

- Williams-Woodward
- Tree decline clues
- Getting past symptoms to causes

9:00-10:00 Bacterial Leaf Scorch & Other Foliage Diseases Affecting Hardwoods – Williams-Woodward

- Recognition & Management

10:00-10:15 Coffee Break - provided

10:15-11:15 Rusts, Needle Blights, & Cankers of Evergreens – Williams-Woodward

- Identification & Management

11:15-12:15 Root Rots & Wood Decay – Williams-Woodward

- Symptoms & signs of wood decay fungi
- Estimating extent of decay

12:15-1:15 Lunch

1:15-2:15 Management & Control of Invasive Plants – Frank

- Non-native invasive plants
- Chemical control

2:15-3:00 The Scourge of Mistletoe! – Coder

- Life cycle concerns
- Management & control

3:00-3:15 Coffee Break - provided

3:15-4:30 Life Stage Based Nitrogen Fertilization of Community Trees – Coder

- Nitrogen activity in soil
- Nitrogen reactivity in tree
- Ecological enrichment of tree sites

4:30 Evaluation

4:45 End

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Continuing Education Credits

- 13.0 Continuing Forestry Education hours, Category 1 (approved)
- 13.5 Continuing Logger Education hours, Environment (approved)
- 13.5 Board Certified Master Arborists credit hours (applied for)
- 13.5 Certified Arborist credit hours (applied for)

Full Attendance is Mandatory to Receive Credit.

You may register using the form below, or register online at http://conted.warnell.uga.edu/courses/Forest_Health2015 or by phone by calling Ingvar Elle at 706-583-0566.

Registration Form

Name - please print

Preferred name for badge

☐ Business mailing address or ☐ Home address (please check one)

City State Zip County, if Georgia

Home phone Work phone Fax

Email address ☐ Please send me e-mails about other Warnell Continuing Education programs.

Position Organization/employer

By registering for this event I agree to comply with all event and lodging cancellation policies.

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Early registration by October 6, 2015.....\$245.00

Fee Paid after October 6, 2015.....\$295.00

Total: \$_____

Enclosed is a check #_____

(payable to Warnell School of Forestry and Natural Resources)

Your registration will not be processed until payment is received.

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Mail payment to: Attn: Ingvar Elle

Warnell School of Forestry & Natural Resources
The University of Georgia
Athens, Georgia 30602

Cancellations:

Notice must be received by 5:00 p.m. October 13, 2015 for a refund.
Contact Ingvar Elle at 706-583-0566.

Location, Directions, and Parking

The course will be held at Flinchum's Phoenix, 650 Phoenix Road, Athens, Georgia.

For a map and directions to Flinchum's Phoenix please go to Googlemaps.com and type in "650 Phoenix Road, Athens, Georgia."

Parking at Flinchum's Phoenix at Whitehall Forest is free of charge.

Special Services

Flinchum's Phoenix is handicap accessible.

If you require special services or dietary considerations, please contact Ingvar Elle at 706-583-0566 or e-mail him at ingvar@uga.edu prior to October 13, 2015.

Lodging

A block of rooms has been set aside at the Holiday Inn Express (706-546-8122) in Athens for attendees of Issues in Tree and Forest Health Care. The hotel address is 513 West Broad Street, Athens, GA 30601. Rooms are \$92.00 plus %14 percent sales tax. Use code "FHC". Please reserve room by October 5, 2015.