

**Thursday, December 19, 2024**

**Carroll Community College, 1601 Washington Road, Westminster, MD**

**Building K: Room 100**

**Breakout room: K116**

**7:30 – 8:00 Registration check-in**

**8:00- 8:15 Opening Remarks and schedule for the day**

**Speakers:** David Clement, Plant Pathologist, University of Maryland Extension

**8:15 – 9:00 Using Drone Technology in Horticulture**

**Speakers:** David Kivioja, Owner, Eagle Eye Company

**9:00 – 9:30 Nursery Applications With Drones That Have Successful Results**

**Speaker:** Heather Zindash, Owner, The Soulful Gardener

**9:30 – 10:20 Major Insects in the Landscape**

**Speaker:** Brian Kunkel, IPM and Entomology Specialist, University of Delaware

**10:20 – 10:30 BREAK**

(Look at plant disease and insect problems on tables in back of room.)

**10:30 – 11:15 Why My Weeds Won't Die: Understanding Herbicide Resistance and Other Factors Contributing to Failed Pesticide Applications.**

**Speaker:** Kurt Vollmer, Weed Specialist, University of Maryland Extension

**11:15 – 12:00 What are the Hot Plant Diseases for 2024**

**Speaker:** Dr. David Clement, Plant Pathologist, University of Maryland Extension

**12:00 – 12:45 LUNCH**

**12:45-1:00 Sample Fest – What is wrong with these plants**

**Speakers:** Sheena O'Donnell, Emily Porter, Miri Talabac, University of Maryland Extension

**1:00 – 1:45 The Importance of Native Bees: How to recognize and encourage them in the landscape**

**Speaker:** Lindsay Barranco, University of Maryland Applied Agriculture Institute

**1:45- 2:30 IPM For Native Plants- Diversifying to increase beneficials in a landscape**  
**Speaker:** Lisa Kuder, Extension Educator, University of Maryland Extension

**2:30 -2:45 BREAK**

**2:45 – 3:30 Resilient Species and Communities for Urban Tree Plantings**  
**Speaker:** Karin Burkhardt, Urban Tree Specialist, University of Maryland, Department of Entomology

**3:30 – 4:15 Diagnosing Nutrient, Abiotic, and Irrigation Problems**  
**Speakers:** Andrew Ristvey, Extension Specialist in Horticulture and Irrigation Management, and Hemendra Kumar, Agricultural Engineer, University of Maryland

**4:15 – 4:30 Sign-up Sheets for Recertification**

### **Breakout Room**

**10:30 – 11:15 Nutrient Management for Landscapes and Nurseries**  
**Speakers:** Chuck Schuster, Professor Emeritus, and Andrew Ristvey, Extension Specialist in Horticulture and Irrigation, University of Maryland Extension

**11:15 -12:00 Turfgrass Maintenance Survey Results**  
**Speaker:** Dr. Kevin Mathias, Emeritus - University of Maryland Institute of Applied Institute

### **Pesticide Recertification and CEUs:**

#### **MARYLAND:**

**Pesticide Recertification:** Categories 2\*, 3A, 3B, 3C, 6\*, 10\*, 13\*, PVT\*

**Professional Fertilizer Applicator:** 3 credits

**Ag Nutrient Management:** 3 credits

#### **DISTRICT OF COLUMBIA:**

**Pesticide Recertification:** 4 credits for each of the following categories: 3A - Exterior Ornamental Plants, 3B - Lawns and Turf, 3C - Interior Ornamental Plants, 6 - Right-of-Way Pest Control, 7A Industrial/ Institutional/Structural/Health-Related, 7B - Wood-Destroying Organisms, 7C - Bird/ Wildlife, 7E – Rodent, 8 - Public Health Pest Control, 9 - Regulatory Pest Control, 10 - Demonstration and Research, 11H - Mosquito

**ISA, MD Tree Expert's License CEUs, and Virginia Pesticide Recertification:** Submitted, pending approval.

## REGISTRATION INFORMATION

**Cost:** \$85.00 per person. Includes lunch if registered by December 5, 2024.

**No refunds after December 13, 2024. Eventbrite fees are not refundable.**

**To register with a credit card go to Eventbrite for this program.**

**If you have questions, contact Suzanne Klick at [sklick@umd.edu](mailto:sklick@umd.edu) or 301-226-7619.**

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### PAYING BY CHECK? Use This Form

**Please make checks payable to:** "University of Maryland"

**Send to:** 2024 Advanced IPM Program, 4240 Folly Quarter, Ellicott City, MD 21042

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