

Agenda

Types of Urban Forests

R. Harper

- Defining urban forests
- Benefits of urban forests
- Challenges for urban forests
- Managing urban forests large and small

Tree Inventories, Analysis and Implications for Management Planning

A. Coleman

Engineering Solutions for Urban Tree Planting

A. McCullough

- Benefits of trees
- Maximizing the co-benefits of trees for tree equity
- Beginning tree committees

Public Outreach and Education

J. Johnson

- Successful strategies for student engagement in community urban forestry projects

Use of Terrestrial Laser Scanning Technology to Study Urban Forest Biomass and Carbon Stocks

G. Arseniou



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Urban Forestry

Live, Interactive Webinar - Wednesday, October 2, 2024

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Learning Objectives

You'll be able to:

Discuss benefits of urban forest and identify the challenges facing them.

Get tips on managing both large and small urban forests.

Use tree inventories for forest management planning.

Develop strategies for investing in urban tree planting.

Engage students and communities in urban forestry projects.

Use terrestrial laser scanning technology to study urban forest biomass.



HalfMoon Education Inc.,
Your LIVE Education Leader Presents

Urban Forestry

Live, Interactive Webinar - Wednesday, October 2, 2024



Explore types of urban forests and their benefits

Conduct public outreach and education

Discuss tree inventories, analysis and implications for management planning

Use laser scanning technology to study urban forest biomass and carbon stocks

Identify strategies for urban tree investment

Continuing Education Credits

Professional Engineers
6.0 PDHs

Certified Planners
CM|6

Landscape Architects
6.0 HSW CE Hours
6.0 LA CES HSW PDHs

Certified Arborists
Pending



Webinar Information

Online - Wednesday, October 2, 2024

Log into Webinar 8:30 - 9:00 am CDT	Break 11:45 am - 12:15 pm CDT
Morning Session 9:00 - 11:45 am CDT	Afternoon Session 12:15 - 4:00 pm CDT

Tuition
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Faculty

Richard W. Harper, Ph.D.
University of Massachusetts Amherst, Extension Professor of Urban & Community Forestry
Professor Harper is a professor and extension urban forestry specialist at the University of Massachusetts Amherst. He is an International Society of Arboriculture (ISA) board certified master arborist and past-president of the New England Chapter of ISA. Professor Harper currently teaches courses and administers an applied integrated research and extension program in urban and community forestry. He received his Ph.D. degree in Forest Resources-Arboriculture from UMass and his undergraduate degree in Forest Conservation/Management from Lakehead University in Thunder Bay, Canada.

Alicia Coleman
Assistant Professor of Urban and Community Forestry, University of Minnesota
Dr. Coleman is assistant professor of Urban and Community Forestry at the University of Minnesota. Her research interests include 1) the equitable and just allocation of urban forest resources; 2) the tools, techniques, and planning processes behind arboricultural and urban forestry decision making; 3) effectively measuring the impacts of trees and forests in cities. Before joining Univeristy of Minnesota, she was a postdoctoral research associate in the Applied Forest Ecology Lab at the University of Connecticut, working with Dr. Robert Fahey and the Connecticut Department of Energy and Environmental Protection. She holds a Ph.D. degree in Regional Planning from the University of Massachusetts Amherst, a master's degree of Environmental Studies from the University of Pennsylvania, a bachelor of science degree in Behavioral Science from Wilmington University, and a post-baccalaureate certificate in Geographic Information Systems from Penn State University.

Adam McCullough *Vermont Forests, Parks & Recreation*
Mr. McCullough is an urban forester with the Montpelier Office of The Vermont Urban and Community Forestry Program. The program leads community members, municipalities, businesses, and government in stewarding the long-lasting value of public trees and the places they create. Designed to help municipalities plant, plan, and care for their community trees, the program provides technical, educational, and financial assistance to over 175 Vermont towns, cities, non-profits, private landowners, and outdoor stewards. Mr. McCullough grew up in Montpelier, Vermont, and fell in love with trees at a young age, fascinated by climbing them and by their biology. He has extensive experience with hands-on conservation work and especially tree work, and has applied those skills to create meaningful outdoor experiences for Youth at Risk throughout Vermont's woods.

Jerome Johnson
Professor Emeritus, Engineering and Technology Department, University of Wisconsin-Stout, Menomonie, Wisconsin
Dr. Johnson served the university for 36 years in various roles including professor in the research and development discipline of the engineering and technology department, before retiring in 2021. During the last 20 years of his career at UW-Stout, he taught laboratory-based courses in design and product development to students in the following degree programs: engineering technology, construction, technology education, packaging, and manufacturing engineering. Dr. Johnson also served as chair of the department, directed an outreach center whose purpose was to produce prototypes for inventors outside the university, and initiated the on-campus fab lab. He began his career at the university as an instructor of engineering graphics.

Prior to his appointment at UW-Stout he was a technology education instructor at Tomahawk High School in north central Wisconsin. Dr. Johnson earned both his bachelor of science degree in Industrial Education (1981) and his master of science degree in Vocational Education (1984) from the University of Wisconsin-Stout.

Georgios Arseniou, Ph.D.
Assistant Professor & Extension Specialist of Urban Forestry College of Forestry, Wildlife and Environment Auburn University
Dr. Arseniou completed his bachelor's degree in Forestry and Natural Environment at the Aristotle University of Thessaloniki in Greece, his master's degree in Photogrammetry and Geoinformatics as a DAAD scholar at the University of Applied Sciences of Stuttgart in Germany, and his Ph.D. degree in Forest Measurements, Modeling and Urban Ecology at the Forestry Department at Michigan State University. Dr. Arseniou is an assistant professor and Extension Specialist of Urban Forestry at the College of Forestry, Wildlife and Environment at Auburn University and the Alabama Cooperative Extension System. His research focuses on understanding the structure and function of urban forests using remote sensing methods (terrestrial laser scanning).

Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers and 6.0 HSW continuing education hours for licensed landscape architects in most states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00049300) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and landscape architects via its registration with the Landscape Architecture Continuing Education System (LA/CES). Other states do not preapprove continuing education providers or courses.

The Landscape Architecture Continuing Education System has approved this course for 6.0 HSW PDHs. Only full participation is reportable to the LA CES.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6 for Certified Planners.

HalfMoon has applied to the International Society of Arbiculture for continuing education credit, and the application is pending.

Foresters may be able to earn up to 6.0 Category 1 CFE credits through the CFE post-approval process with the Society of American Foresters (SAF). Credit determination will be made by SAF.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

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