

2015 Learning Objectives – Urban/Community Forestry

Key Topics

1. Understand what sustainable urban & community forestry is and why it is important.
2. Understand of the numerous benefits of urban/community forests to society, often referred to as ecosystem services.
3. Understand the costs associated with urban/community forests.
4. Understand what an urban forest management plan is and why it is an essential tool.

Learning Objectives

1. Describe the economic, social, and environmental benefits of urban/community trees to local communities.
2. Comprehension of the effects of urban/community trees on air quality and water quality.
3. Knowledge of research showing that trees contribute to our health, well-being and quality of life.
4. Understanding of threats to urban/community forests such as invasive species, insect and diseases, climate change, fire, air pollution, lack of management capability and development pressures.
5. Understand what a tree inventory is and what it is used for.
6. Understand the components of an urban/community forest management plan.
7. Basic knowledge of models and tools used to calculate the value of tree canopy functions.

2015 Current Issue-Urban Forestry Resource/Study Materials

<http://www.urbanforestrysouth.org/resources/collections/urban-forestry-manual>

Urban Forestry Manual – 10 Units available from Urban Forestry South - Centers for Urban and Interface Forestry

<https://www.arborday.org/programs/ucf/english.cfm>

Urban and Community Forestry – A Practical Guide to Sustainability from the Arbor Day Foundation and the USDA Forest Service

http://www.fs.fed.us/openspace/fote/reports/nrs-62_sustaining_americas_urban.pdf

Sustaining America's Urban Trees and Forests from the USDA Forest Service

http://www.ncforestservice.gov/Urban/urban_tree_inventories.htm

Urban and Community Tree Inventories - North Carolina Forest Service

http://www.itreetools.org/resources/content/guide_to_assessing_urban_forests_nrs_inf_24_13.pdf

A Guide to Assessing Urban Forests – USDA Forest Service

<http://water.epa.gov/polwaste/green/upload/stormwater2streettrees.pdf>

Stormwater to Street Trees – Engineering Urban Forests for Storm water Management from EPA

<http://edis.ifas.ufl.edu/pdf/FR/FR27900.pdf>

The Costs of Managing an Urban Forest from the University of Florida

<http://www2.apwa.net/documents/About/CoopAgreements/UrbanForestry/UrbanForestry-4.pdf>

Urban Forestry Best Management Practices for Public Works Managers from the American Public Works Association

http://www.treesaregood.com/treecare/resources/benefits_trees.pdf

Benefits of Trees – International Society of Arboriculture

<http://www.naturewithin.info/UF/TreeBenefitsUK.pdf>

The Benefits of Urban Trees – A summary of the benefits of urban trees accompanied by a selection of research papers and pamphlets from the College of the Environment at the University of Washington