

North American Envirothon

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.