

TREES IN COLONIAL BEACH

The trees in Colonial Beach are protected by the Chesapeake Bay Preservation Act, which states that a tree cannot be cut down unless a letter is provided by a certified arborist stating that the tree is dead, diseased or dying. If a letter is provided and a Woodlot Management Permit is approved, the tree can be cut down. The Bay Act also states that for every tree that is cut down, two trees must be planted in its place. If the tree is located in the Resource Protection Area (RPA), then three trees need to be planted.

Urban Forestry Tools

- **i-tree**
open source software that quantifies the environmental and economical services trees provide
<http://www.itreetools.org/>
- **Society of Municipal Arborists**
an organization of municipal arborists and urban foresters who actively practice or support some facet of municipal forestry
<http://www.urban-forestry.com/about-sma>
- **U.S. Forest Service, Urban and Community Forestry**
a cooperative program of the US Forest Service that focuses on the stewardship of urban natural resources
<http://www.fs.fed.us/ucf/>
- **Town of Colonial Beach Website**
contains information concerning Colonial Beach including The Comprehensive Plan, which contains future Sustainable ideas concerning The Town
<http://www.colonialbeachva.net/>



Sustainability and the Urban Forest



How to save the environment and your budget one tree at a time

Town of Colonial Beach
Department of Planning and Community Development
315 Douglas Avenue
Colonial Beach, VA 22443
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Sustainable Development requires the understanding of two key facts:

- Pollution on one property can directly affect the water quality of The Potomac River and the environment of Colonial Beach
- The actions of today affect the generations of tomorrow

The National Urban and Community Forestry Advisory Council defines urban forestry as:

The art, science and technology of managing trees, forests and natural systems in and around cities, suburbs and towns for the health and well being of all people.

The goal of sustainability is environmental resource management and protection to sustain a healthy ecosystem and environment for the survival and flourishing of humans and other organisms. Urban Forestry can have a major impact on sustainability. Some of the sustainable benefits of trees are listed below.

Sustainable Benefits of Urban Forestry

Reduced Energy Costs

By shading buildings, trees reduce the need for air conditioning.

Improved Air Quality

Trees remove air pollutants and store and sequester carbon dioxide.

Improved Quality of Life

Trees provide aesthetic value, species habitat, and reduce noise.

Reduced Pavement Maintenance

Trees can slow the deterioration of pavement by intercepting rain water.

Enhanced Storm water Management

Trees reduce stormwater runoff and improve water quality by absorbing and filtering rain water.

