

# Benefits of Trees in Our Neighborhoods

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- Energy conservation
  - Reduces erosion and soil runoff
  - Improves air & water quality
  - Reduces wind and storm damage
  - Quiet loud traffic noises
  - Provides shade
  - Reduce increased levels of urban heat
  - Increase land values
  - Provides natural habitat for animals, birds, & insects
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## The Importance of Preserving Our Forests

Forest Conservation Ordinance  
#12-O-04 & #16-O-17 adopted by  
the Mayor and Council for the City  
of Aberdeen

### Aberdeen Municipal Center

60 N. Parke Street  
Aberdeen, Maryland 21001

### Contact Us

410-272-1600



# Forest Conservation

*The retention of existing forest or the creation of new forest*

## Priority Spaces for Retention

- Trees, shrubs, or plants located in sensitive areas such as the one-hundred-year floodplain, intermittent and perennial streams and their buffers, coastal bays and their buffers, steep slopes, nontidal wetlands, and critical habitats
- Trees, shrubs, or plants determined to be rare, threatened, or endangered
- Trees that are a part of a historic site or structure

## Trees Conserve Energy

Trees and forested spaces can reduce temperatures through shading and evapotranspiration; the process where a tree converts water from the soil into a vapor & releases it into the air

**SHADED SURFACES, LIKE YOUR HOME OR YARD, MAY BE 20-45°F COOLER THAN UNSHADED SURFACES**

Trees can save up to 25% of a households' energy needs for heating and cooling reducing the need for air conditioning

**TREES CAN PROVIDE AN ENERGY BILL SAVINGS BETWEEN \$100 & \$250 EACH YEAR**



## Habitats for Wildlife

Forests serve as a refuge for birds, animals, and insects that have been impacted by urbanization

**PROTECTING AND RESTORING OUR FORESTS ARE A VITAL PART OF WILDLIFE CONSERVATION**

## Air Quality

Trees and forested spaces produce oxygen and filter toxins from the air, improving overall air quality

**AN ACRE OF TREES REMOVES UP TO 2.6 TONS OF CARBON DIOXIDE AND PRODUCES THE AMOUNT OF OXYGEN CONSUMED BY 18 PEOPLE PER YEAR**