






# Benefits of Shade Trees


 **Temperature Regulation:** Shade trees help cool neighborhoods by reducing the urban heat island effect, making streets and homes more comfortable in hot weather.


 **Stormwater Management:** Their roots absorb rainwater and reduce runoff, which helps prevent flooding and erosion.


 **Improved Air Quality:** Trees filter pollutants from the air, such as ozone, nitrogen dioxide, and particulate matter, contributing to cleaner, healthier air.


 **Wildlife Habitat:** Shade trees provide food and shelter for birds, insects, and other wildlife, supporting local biodiversity.


 **Energy Savings:** Strategically planted trees can lower energy costs by shading buildings in summer and blocking winds in winter.

 **Property Value Boost:** Homes and neighborhoods with mature trees tend to have higher property values and attract more buyers.

 **Enhanced Walkability & Livability:** Tree-lined streets are more inviting for walking, biking, and spending time outdoors, promoting active lifestyles.

 **Community Engagement:** Planting and caring for trees can bring neighbors together and foster a sense of pride and ownership in local green spaces.

 **Carbon Sequestration:** Trees absorb carbon dioxide from the atmosphere, helping to mitigate climate change.

 **Mental & Physical Health:** Green spaces with trees are linked to reduced stress, better mental health, and increased opportunities for physical activity.