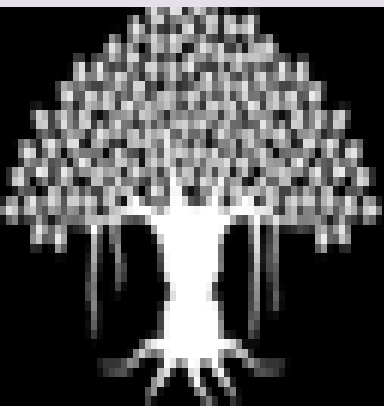


THANKS TO

The importance of tree planting

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Lets plant
some trees



Benefits of trees

The trees around us are extremely important and have always been necessary for improving the human condition - both during a tree's life and after a tree's harvest. It would not be stretching things if one were to say that without trees, we humans would not be able to exist on this beautiful planet...

Trees produce oxygen



Trees produce oxygen

Let's face it: We could not exist as we do if there were no trees. A mature, leafy tree produces as much oxygen during a season as 10 people inhale in a whole year. What many people don't realize is that the forest also acts as a giant filter that cleans the air we breathe.

Trees clean the soil



Trees clean the soil

Trees can either store harmful pollutants or actually change the pollutant into less harmful forms.

Trees filter sewage and farm chemicals, reduce the effects of animal wastes, clean roadside spills, and clean water runoff into streams.

Flood control



Flood control

Trees can hold vast amounts of water, that would otherwise stream down hills and surge along rivers into towns. That's why trees are such an important part of storm water management for many cities.

Trees control noise pollution



Trees control noise pollution

Trees muffle urban noise almost as effectively as stone walls. Trees, planted at strategic points in neighborhoods or around your house, can abate major noises from freeways and airports.

Trees slow storm water runoff



Trees slow storm water runoff

Flash-flooding can be dramatically reduced by a forest or by planting trees. One Colorado blue spruce, either planted or growing wild, can intercept more than 1000 gallons of water annually when fully grown. Underground water-holding aquifers are recharged with this slowing down of water runoff.

Mental health



Mental health

Feeling down? Take a walk in the woods. Several studies have found that access to Nature yields better cognitive functioning, more self-discipline, and greater overall mental health. One study even found that hospital patients who can see trees out of their windows are hospitalized for fewer days than their counterparts.

Trees are carbon sinks



Trees are carbon sinks

To produce its food, a tree absorbs and locks away carbon dioxide in the wood, roots and leaves. Carbon dioxide is a global warming suspect. A forest is a carbon storage area or "sink" that can lock up as much carbon as it produces. This locking-up process "stores" carbon as wood and not as an available "greenhouse".

Trees clean the air



Trees clean the air

Trees help cleanse the air by intercepting airborne particles, reducing heat, and absorbing such pollutants as carbon monoxide, sulphur dioxide, and nitrogen dioxide. Trees remove this air pollution by lowering air temperature - through respiration and by retaining particulates.

Trees give shade and cool



Trees give shade and cool

Shade resulting in cooling - what a tree is best known for. The shade from trees reduces the need for air-conditioning during the summer. In the winter, trees break the force of winter winds, lowering heating costs.

Trees act as windbreaks



Trees act as windbreaks

During windy, cold seasons, trees located on the windward side act as windbreaks. A windbreak can lower home heating bills by up to 30% and have a significant effect on reducing snow drifts. A reduction in wind can also reduce the drying effect on soil and vegetation behind the windbreak.

Trees fight soil erosion



Trees fight soil erosion

Erosion control has always started with tree and grass planting projects. Tree roots bind the soil and their leaves break the force of wind and rain on soil. Trees fight soil erosion, conserve rainwater, and reduce water runoff and sediment deposit after storms.

Trees increase property value



Trees increase property value

Finally, trees make financial sense too: Real estate values increase when trees beautify a property or neighborhood. Believe it or not, trees can increase the property value of your home by 15% or more!