

Why Does Orange Beach Protect Trees?



- **Trees Save Energy**- “Trees properly placed around buildings can reduce air conditioning needs by 30% and can save 20-50% in energy used for heating.” *USDA Forest Service*
- **Trees Clean the Air**- “One acre of trees absorbs six tons of carbon dioxide and puts out four tons of oxygen and is enough to meet the annual needs of 18 people.” *U.S. Dept. of Agriculture*
- **Trees Enhance Real Estate Values**- “Healthy, mature trees add an average of 10% to a property’s value.” *USDA Forest Service*
- **Trees Stimulate Business**- “Studies have shown that commercial retail areas with trees are more attractive to shoppers, apartments rent more quickly, tenants stay longer, and space in a wooded setting is more valuable to sell or rent.” *The National Arbor Day Foundation*
- **Trees Improve Water Quality**- “Trees can improve water quality by aiding in the ground water supply. Wooded areas help prevent the transport of sediment (erosion) and chemicals into streams or other bodies of water. Trees help in controlling flooding.” *USDA Forest Service*
- **Trees Affect Our Health**- “In laboratory research, visual exposure to settings with trees has produced significant recovery from stress within five minutes, as indicated by changes in blood pressure and muscle tension.” *Dr. Roger S. Ulrich, Texas A&M*
- **Trees Provide Visual and Sound Buffering**- “A row of trees can cut the ambient noise level approximately in half.” *National Arbor Day Foundation*
- **Trees Create Wildlife Habitat**- “Native trees attract wildlife species, especially birds that have had to look elsewhere for food, water, and shelter. This is not true for non-native trees or shrubs.” *Louisiana Department of Wildlife & Fisheries*
- **Trees Can Extend the Life of Paved Surfaces**- “The asphalt paving on streets contain stone aggregate in an oil binder. Without tree shade, the oil heats up and volatilizes, leaving the aggregate unprotected and susceptible to breakage by vehicular traffic.” *USDA Forest Service Western Center for Urban Forest Research and Education*