

Land Use Resource Bank

Learn More

Resource	Summary
EPA 'Air Quality and Climate Change Research' webpage	Information and research on the relationship between air quality, health, and climate change
EPA 'Land Use, Land-Use Change, and Forestry Sector Emissions' webpage	Information and research on the relationship between land use and climate change
National Wildlife Federation Gardening webpage	Key ways yard management can become more sustainable
Knoxville Regional Transportation Planning Organization Greenways Planning webpage	Plans for greenways in the region and information on economic benefits of greenways

Take Action – For Everyone

Action	Resource
Plant trees.	<ul style="list-style-type: none"> Get free trees at a Trees Knoxville giveaway
Fill your yard with native plants and species that benefit the local ecosystem	<ul style="list-style-type: none"> Get started by creating a Tennessee Smart Yard Learn about native plants and recommended fruits and vegetables through UT Horticulture
Find methods such as using rainwater barrels and drip irrigation to your spending and usage of water	<ul style="list-style-type: none"> Create your own rain barrel with this Green America article <ul style="list-style-type: none"> Learn more about the benefits of rainwater barrels from the World Wildlife Fund Consider installing drip irrigation to save money, water, and time on watering plants <ul style="list-style-type: none"> Check out this drip irrigation how-to guide
Use compost to fertilize your garden or farm and conserve the quality of your land's soil and water supply.	<ul style="list-style-type: none"> Learn how to compost with this EPA Composting webpage Browse an EPA resource on the benefits of using compost on your soil including improved plant growth, higher yields, better water and soil quality, less erosion, and faster groundwater

Encourage your community to preserve land and ecosystems by setting aside parklands, greenways, and urban wilderness	<ul style="list-style-type: none"> Find local parks and green spaces and use them for exercise, transportation, and recreation <ul style="list-style-type: none"> Use resources like the Great Smoky Mountains Regional Greenways Council website to find local greenways, plans, and general info for greenways across East Tennessee Take advantage of local urban wilderness for hiking, mountain biking, and other outdoor activities that rely on the maintenance and preservation of specific lands <ul style="list-style-type: none"> For example, check out Knoxville's Urban Wilderness Look into Legacy Parks' regional trail and park recommendations for spots to check out across East Tennessee Enjoy and encourage others to access waterways along the Tennessee River watershed through organizations like Legacy Parks that offer access to paddling and other activities
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Take Action – For Farmers & Landowners

Action	Resource
Participate in federal land management programs to get paid to maintain your land's resources and reduce your input costs	<ul style="list-style-type: none"> Use the Conservation Stewardship Program to get access financial and planning support to improving crop resiliency, improve grazing systems, expand wildlife habitat Apply to the Conservation Reserve Program to get paid annual rents to convert environmentally sensitive land on your property
Pursue other resource management programs to help protect your land or farm into the future	<ul style="list-style-type: none"> Agricultural Conservation Easement Program Connect with NRCS Tennessee to learn about the best opportunities for your land and find more info

Regional Leaders

Resource	Summary
AirNow	<ul style="list-style-type: none">• Real-time air quality index
Trees Knoxville	<ul style="list-style-type: none">• Tree giveaways & community planting events• Tree education & resources• Volunteer Forester training program
East Tennessee Water Quality Forum	<ul style="list-style-type: none">• Water quality education programs• Waterway cleanup events
City & County governments	<ul style="list-style-type: none">• Local stormwater management programs
UT Knoxville	<ul style="list-style-type: none">• Heat equity mapping project
Legacy Parks	<ul style="list-style-type: none">• Greenway and water access expansion projects

Drafted by City of Knoxville's Office of Sustainability