

Why TREES?

10 REASONS WE LOVE TREES

1. A healthy 100-foot-tall tree has about 200,000 leaves. A tree this size can take 11,000 gallons of water from the soil and release it into the air again as oxygen and water vapor in a single growing season.
2. Native tree species support natural ecosystems by providing habitat and food for birds, mammals, and insects.
3. In urban and suburban settings, a single deciduous tree can intercept from 500 to 760 gallons of water per year.
4. A mature evergreen can intercept more than 4,000 gallons per year.
5. Studies have shown up to 88 percent of nitrate and 76 percent of phosphorus is reduced after agricultural runoff passed through a forested streamside buffer.
6. The presence of mature trees in a buffer makes the stream wider and cleaner, allowing more species to thrive.
7. Forests filter and regulate the flow of water, in large part due to their leafy canopy that intercepts rainfall.
8. Average interception of rainfall by a forest canopy ranges from 10 to 40 percent depending on species, time of year, and precipitation rates per storm event.
9. Trees reduce annual heating and cooling costs for a typical residence by 8 to 12 percent and increase property values by 10 to 15 percent.
10. When trees are planted as a forested buffer, they improve water quality by filtering sediment, stabilizing the streambank, providing shade to help modify the stream's temperatures, reducing downstream flooding, and sequestering carbon that helps mitigate greenhouse gas emissions.



Partners make success possible.

Adams County Conservation District
Alliance for the Chesapeake Bay
American Native Plants
Antietam Watershed Association
Appalachian Regional Reforestation Initiative; Office of Surface Mining Reclamation and Enforcement
Arbor Day Foundation
Audubon of Western PA
Beckets Run Woodlands
Berks County Conservation District
Borough of Mercersburg
Borough of Shippensburg—Shade Tree Commission
Brodhead Watershed Association
Camp Curtin Branch—Harrisburg Area YMCA
Capital Area Greenbelt Association
Central Pennsylvania Conservancy
Centre County Conservation District
Centre Region Parks & Recreation
Chesapeake Conservancy
Chester County Conservation District
Chiques Creek Watershed Alliance
City of Lancaster
ClearWater Conservancy
Clinton County Conservation District
Clinton/Centre NRCS
Columbia County Conservation District
Conestoga Log Cabins
Conodoguinet Watershed Association
Creek Cleanup Project—Franklin County
Crow & Berry Land Management
Cumberland County Conservation District
Cumberland Valley Rail Trail
Derry Township
Donegal High School (Donegal Experiential Education Program)
Dover Area High School FFA
East Bradford Township
East Pennsboro Township
Eastern Pennsylvania Coalition of Abandoned Mine Reclamation (EPCAMR)
Evergreen Conservancy
Fort Indiantown Gap/PA Department of Military and Veterans Affairs Forest Management Section
Fort Roberdeau Historic Site—Weed Warriors
Franklin County Conservation District
Friends of Midtown
Friends of Salt Springs Park, Inc.
Gettysburg Municipal Authority
Girl Scouts in the Heart of PA
Girty's Run Watershed Association
Halifax Middle School
Herbert, Rowland & Grubic Inc
Horn Farm Center for Agricultural Education
Huntingdon County Conservation District
Juniata County Conservation District/Juniata Watershed Alliance
Keep Pennsylvania Beautiful
Lackawanna County Conservation District
Lancaster Clean Water Partners
Lancaster County Conservancy
Lancaster County Conservation District
Lancaster Farmland Trust
Lancaster Tree Tenders
Land Conservancy of Adams County
The Lebanon Valley Conservancy
Lewisburg Neighborhoods Corporation
Liz George
Londonderry Township
Luzerne Conservation District
Lycoming NRCS
Manada Conservancy
Mansfield University
McKaig Nature Education Center
Middle Susquehanna Riverkeeper
Mifflin County Conservation District
Mill Cove, Inc.
Monroe County Conservation District
Montgomery County Conservation District
Municipal Authority of Westmoreland County
Musser Forests, Inc.
North Branch Land Trust
Northumberland County Conservation District
NRCS—District Conservationist—Northumberland
Octoraro Native Plant Nursery
PA DEP Bureau of Mining Programs
Partners for Fish and Wildlife
Paxton Creek Watershed & Education Association
Penn State Agriculture and Environment Center
Penn State Cooperative Extension
Penn State Master Watershed Stewards
Penns Valley Conservation Association
Pennsylvania Association of Conservation Districts
Pennsylvania Chapter of The American Chestnut Foundation (PA-TACF)
Pennsylvania Department of Agriculture
Pennsylvania Department of Conservation & Natural Resources
Pennsylvania Department of Environmental Protection
Pennsylvania Environmental Council
Pennsylvania Environmental Council—Pennsylvania Organization for Watersheds & Rivers
Pennsylvania Farm Bureau
Pennsylvania Forestry Association
Pennsylvania Game Commission
Pennsylvania Interfaith Power & Light/Cove Conservation Corps
Pennsylvania Landscape & Nursery Association
Pennsylvania Native Plant Society
Pennsylvania USDA Natural Resource Conservation Service
Pequea Park
Pequea Valley FFA
Perry County Conservation District
Pittsburgh Parks Conservancy
Plant five for life
Potter County Conservation District
Riverfront North Partnership
Schuylkill Headwaters Association
Silver Lake Nature Center
Silver Spring Township
South Lebanon Township
South Mountain Partnership
Steckbeck Engineering and Surveying Inc.
Sterling Planet
Stroud Water Research Center
Susquehanna County Conservation District
Susquehanna River Basin Commission
Susquehanna Township
Tree Pittsburgh
Trout Unlimited Doc Fritchey
Trout Unlimited Donegal (Donegal Trout Unlimited)
Trout Unlimited Tiadaghton
Trout Unlimited Tubmill
Trout Unlimited Schuylkill
Trout Unlimited Spring Creek
Trust for Tomorrow
Washington County Watershed Alliance
Watershed Alliance of Adams County
Western Pennsylvania Conservancy
WGL Energy
Yellow Breeches Watershed Association
York County Conservation district
Your Quality Solutions, Inc.

TENMILLIONTREES.ORG



Clean water grows on TREES



Keystone
10 MILLION TREES
PARTNERSHIP

TENMILLIONTREES.ORG

Join our effort to plant **10 MILLION TREES** by the end of **2025**. Roughly 30,000 miles of Pennsylvania's rivers and streams are impaired. Large-scale plantings of native trees are the most cost-effective method for cleaning and protecting our waters.



The Keystone 10 Million Trees Partnership intends to galvanize partnerships that will produce more tree plantings and cleaner water for Pennsylvania.



OUR MISSION

Pennsylvania's plan to clean up its rivers and streams calls for 96,000 acres of new streamside forests. Understanding the immense undertaking at hand, the Chesapeake Bay Foundation launched the Keystone 10 Million Trees Partnership, a collaborative effort of conservation organizations, government agencies, businesses, and citizens committed to planting 10 million new trees by the end of 2025.

The partnership has three goals:

1. Reduce Pollution

Stop millions of pounds of nitrogen from flowing down the Susquehanna and Potomac Rivers and into the Bay.

2. Pick-Up the Pace

Put Pennsylvania's Blueprint commitment for riparian buffers and urban tree canopy back on track.

3. Raise New Voices

Inspire a diverse coalition to demand public action for clean water and a better Pennsylvania.

Where We Work

Most the Partnership's restoration efforts will focus on the lower portion of southcentral Pennsylvania.

- Six million trees will be planted as riparian buffers along streams, lakes, and wetlands.
- Three million trees will be planted on developed land in high-density urban and suburban areas.
- One million trees will be planted on abandoned and legacy mine lands.

GET INVOLVED

Meeting this massive restoration challenge will take many hands. Here's how you can help:

Join the Partnership

Conservation and community groups who want to support and organize tree plantings may apply. Partner benefits include free trees, supplies, volunteer support, and invitations to workshops and events.

Plant Trees

Landowners can qualify to receive free trees if they:

- own acreage with a permanent or seasonal waterway
- reside upland from a permanent waterway
- live in a high-density suburb and community wants trees
- live on a city street, and you and your neighbors want street trees

Volunteer

Visit our website to learn of upcoming tree planting and outreach events in your area. Help is also needed to care for newly planted trees to ensure their health and survival.

Please Join Us!



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QUESTIONS? Email KeystoneTrees@cbf.org or call 717-769-4141.

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