

Gaining Ground for Healthy Waterways with Sustainable Residential Landscapes

Andrea Ludwig

Assoc. Professor of Ecological Engineering Stormwater Management Specialist



Julie Berbiglia

Education Specialist



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What We Hope to Share With You Today...

- Extension + Stormwater = Powerful
- Making it local, pairing people with their watershed
- Finding carrots and measuring impact



Auburn University

Alabama A&M University

Tuskegee University

North Carolina

North Carolina State University
North Carolina A&T State University

South Carolina

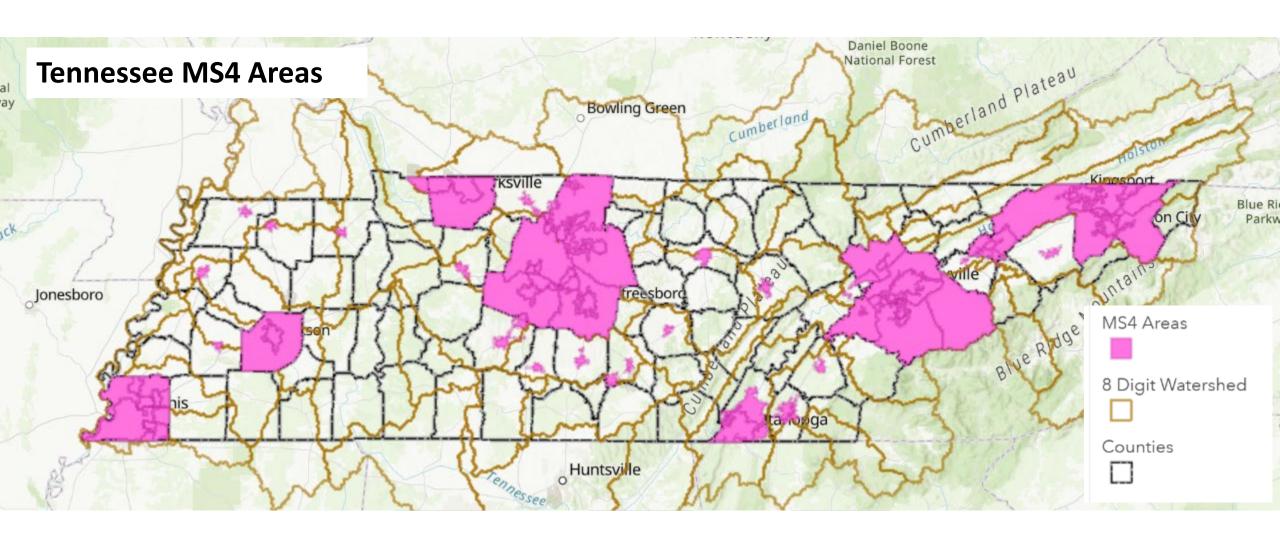
Clemson University
South Carolina State University

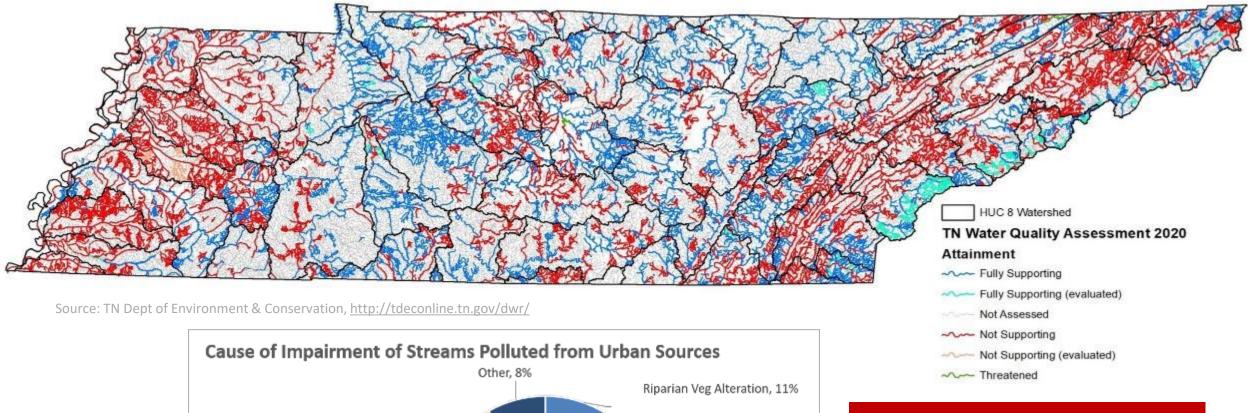
Georgia

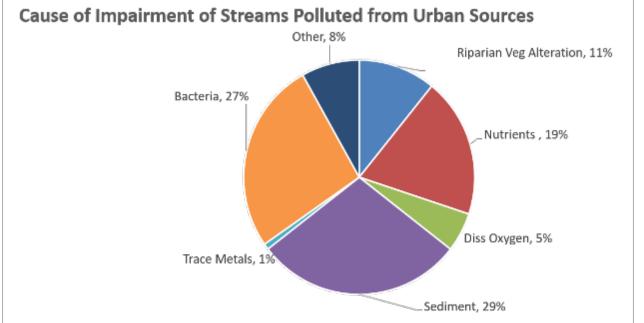
University of Georgia
Fort Valley State University

Florida

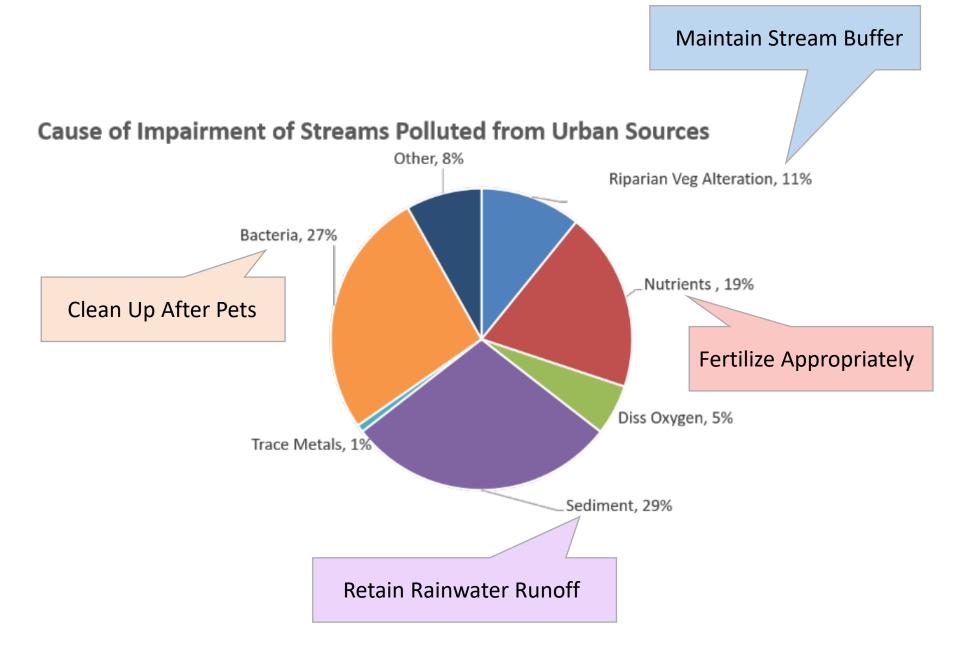
University of Florida Florida A&M University

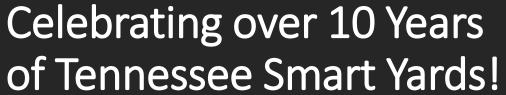






Nearly **4,000 miles** of Tennessee Streams **impaired by developed land**





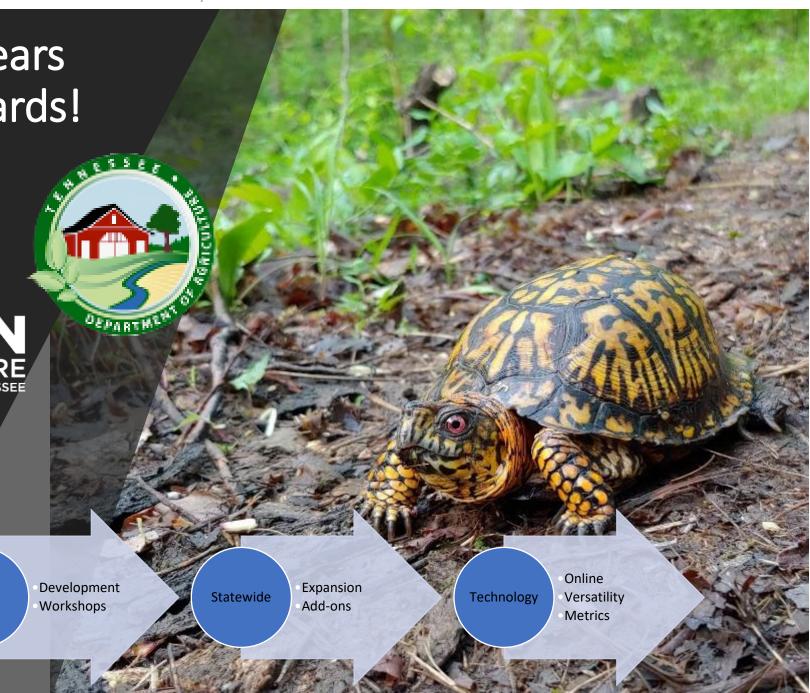


INSTITUTE OF AGRICULTURE

THE UNIVERSITY OF TENNESSE

Pilot

Knox County
Davidson County / Metro
Hamilton County
Cumberland County
Shelby County
Montgomery County

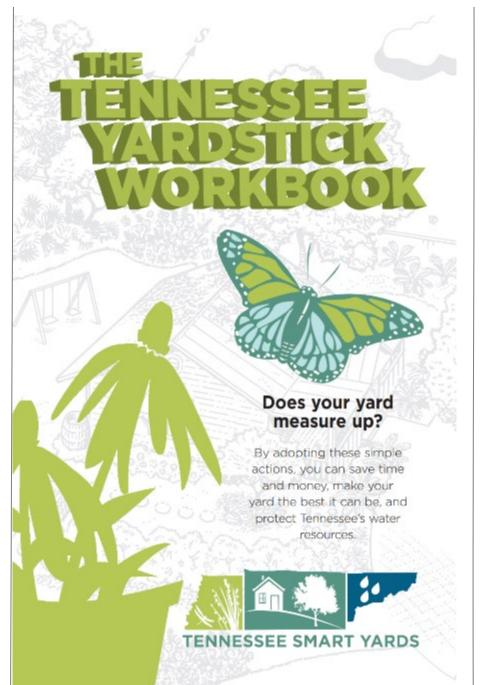






What is a Smart Yard?

"A yard that is in balance with the local environment for the benefit of both people and our ecosystem."





Right Plant, Right Place



Manage Soils & Mulch



Reduce, Reuse, Recycle



Water Efficiently



Fertilize Appropriately



Manage Yard Pests



Reduce Stormwater & Pollutants



Provide for Wildlife



Protect Waters Edge



Inching Towards a "Tennessee Smart Yard" Right Plant, Right Place

1 INCH

1 INCH

1 INCH

1 INCH

Determine your family's landscape objectives (entertainment areas, play areas, etc.) and level of maintenance desired. Value: 2 inches

Assess yard site conditions (light availability, soil characteristics, drainage patterns, etc.) and incorporate into sketch. Value: 2 inches

Sketch your yard including long-term goals. (e.g., space use, aesthetics, level of maintenance). Value: 2 inches

Group plants according to site conditions and their maintenance needs. Value: 2 inches

Remove or avoid using invasive/exotic plants and incorporate native plants. Value: 2 inches

Preserve existing vegetation, especially trees, during land disturbance activities. Value: 2 inches

A certified Tennessee Smart Yard



TENNESSEE SMART YARDS

tnyards.utk.edu

Certification Date:

Dr. Andrea Ludwig Associate Professor & Program Director University of Tennessee

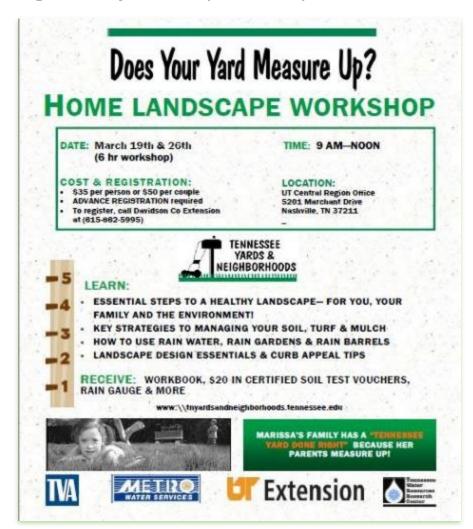


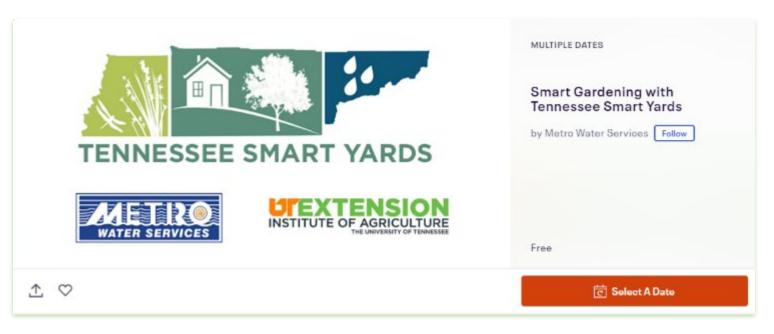
Water, Wastewater, Stormwater, Waste Services Nashville, Tennessee

Pathogens **Nutrients**

303d Listed Streams







NPDES Public Information & Education Plan



Target



Actions



Evaluation



Trusted Materials



Presented in Partnership By:







Julie Berbiglia Jennifer Smith Metro Water City Horticulturist

CREATING A SMART YARD: COMPOSTING, POLLUTION PREVENTION, AND PLANTING NATIVE



TUESDAY, APRIL 13, 2021 AT 12 PM CDT

Wise Watering with Tennessee Smart Yards

Free - Online Event







FREE TREE CERTIFICATE

To receive your 1"-caliper (5-8 feet tall) tree:

Forward your Tennessee Smart Yard Certificate to hello@rootnashville.org. Our team will let you know what species are available for you to choose from, and when to expect your tree. Deliveries would take place between mid-October through March each year.



Congratulations!





root nashville

This opportunity is presented by the citywide tree-planting campaign Root Nashville, led by Metro Nashville and the Cumberland River Compact. The goal of the Root Nashville campaign is to plant 500k trees in Davidson Co. by 2050, and your treee will count towards the goal! Visit rootnashville.org to learn more and to get involved.

No Till Agriculture

Volunteer Gardener

Clean Genes Farm | Volunteer Gardener

Leveraging Social Media Awareness Metro Water Services + Volunteer Gardener + TNSY



Blooming Joy Flower Co |

Volunteer Gardener

A Landscape with Visual

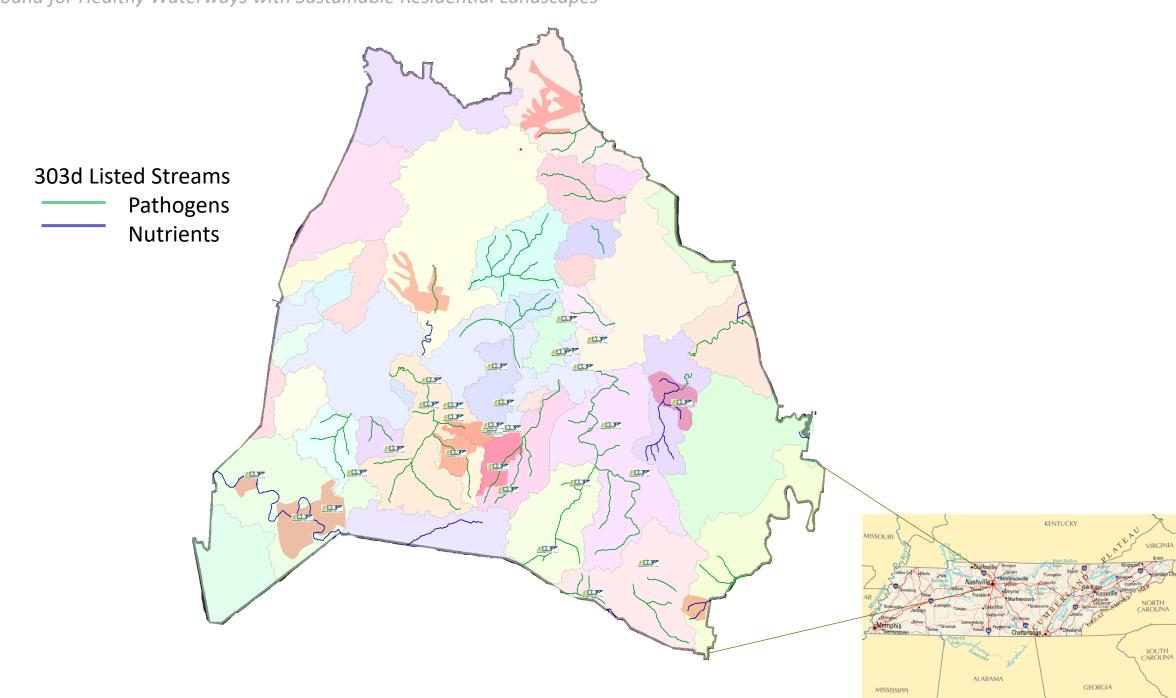
Impact | Volunteer Gardener

Farm in the City 2021|

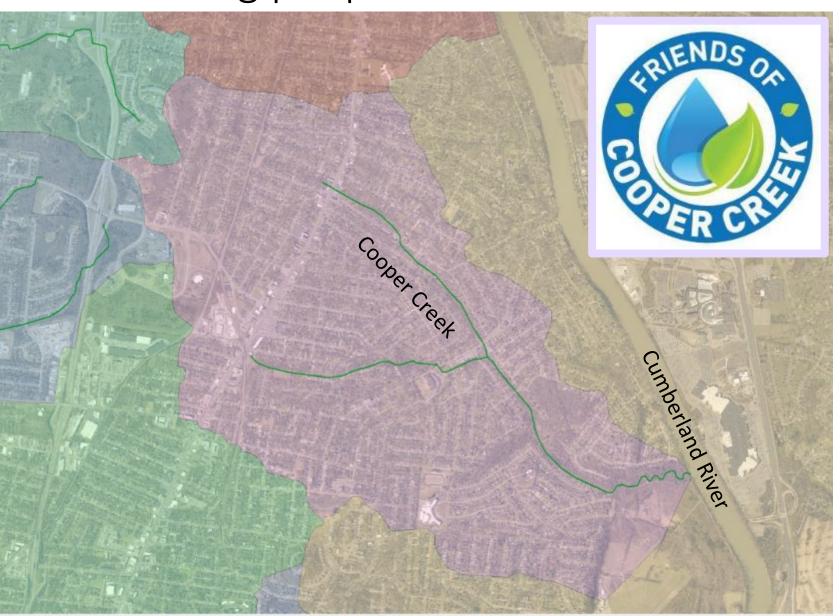
Volunteer Gardener

American Heritage Trees |

Volunteer Gardener

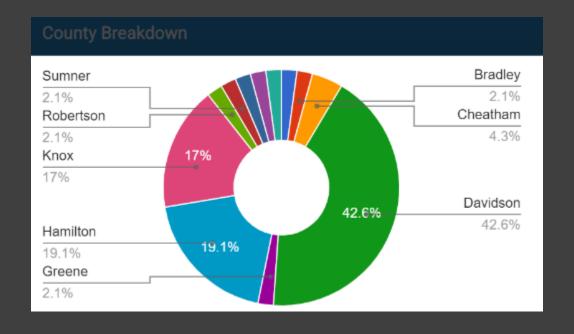


Next: Pairing people with their watershed





- 57% Practicing Good Housekeeping
- 38% Using Rain Barrels
- 25% Using Permeable Surfaces
- 18% Built a Rain Garden



Extension Publications





Revi. Life. Sciutions.

WITEXTENSION MAN COLUMN

"What are you looking forward to?" I have enjoyed working with the ecosystem

Terrific program! Very helpful information that will motivate me to continue taking appropriate actions to preserve our natural resources.

We hope with the metal yard sign we can **inspire** others to change to a TN Smart Yard.

around me, incorporating practices and plantings that encourage birds and wildlife to share our space. I look forward to the day we are able to install rain barrels and improve our water catchment and storage for use in the garden. I also look forward to installing a rain garden or pond in one of our low spots.

Minimizing and/or eliminating the use of chemicals to protect our waterways and regenerate soil with organics is a top priority.



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Acknowledgements

TN Dept of Agriculture 319 Nonpoint Source Program

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Tennessee Stormwater Association

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Andrea Ludwig aludwig@utk.edu





Julie Berbiglia