

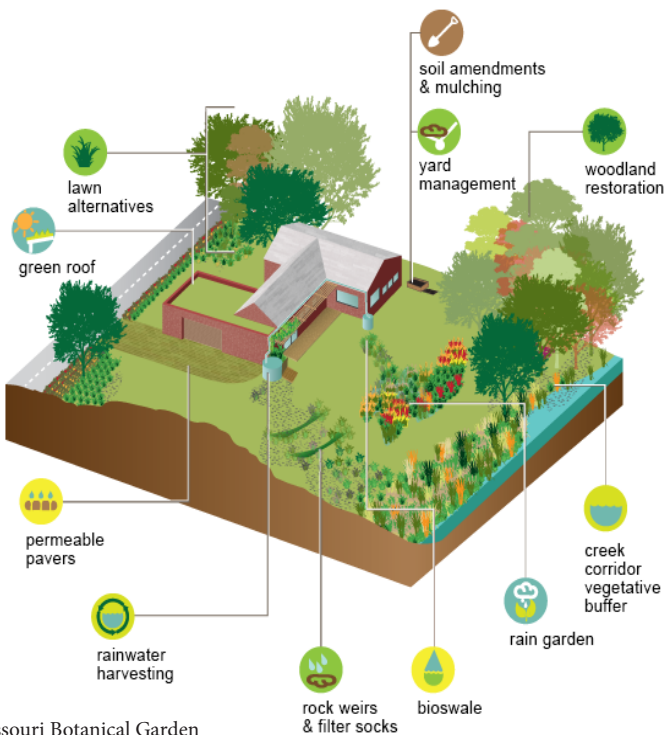
# Rainscaping Workshops

Rainscaping is the practice of sustainable landscaping designed to capture rainwater where it falls. Water is a vital component of a healthy landscape. Working with the water to rainscape a yard can improve your property and make the yard more resilient. These practices can reduce stormwater runoff, enhance water quality, and prevent soil erosion and flooding.

Rainscaping techniques can be as simple as redirecting downspouts to water native garden beds, or collecting water with rain chains, or rain barrels. There are many rainscaping practices that can be designed to fit your wants and needs. There are many direct benefits to working with the water flow and incorporating appropriate plants to improve the soil's health. Healthy soils act like a sponge, absorbing water, storing the water for dry days, and increasing your yard's ability to thrive during rainstorms and droughts. Using native plants attracts local fauna like butterflies and birds, promoting biodiversity in your backyard. These practices beautify your yard and enhance your property's capacity to support wildlife.

Learn more about applying rainscaping practices on your property by attending virtual Rainscaping workshops:

## Rainscaping Possibilities



Missouri Botanical Garden

## Rainscaping to Improve Soil Health and Infiltration

Register: <https://forms.gle/DnU9m3gYT82c17mQ6>

Date: December 7, 2023

Time: 11 A.M. - Noon

Location: Virtual; register to receive the link.

Presenter: Stacy Arnold, Missouri Botanical Garden

Focus: The workshop will focus on design and construction best practices for tree protection and soil health, highlighting procedures to incorporate sustainable landscaping practices during construction.

## Residential Rainscaping: Manage Rainwater Where it Falls

Register: <https://forms.gle/DnU9m3gYT82c17mQ6>

Date: December 7, 2023

Time: 7 P.M. - 8 P.M.

Location: Virtual; register to receive the link.

Presenter: Allison Joyce, Missouri Botanical Garden

Focus: Learn about Rainscaping, a sustainable landscaping practice designed to capture rainwater where it falls. By increasing your yard's ability to absorb water, you can reduce the environmental and financial impacts of excess runoff. These practices will also beautify your yard and enhance your property's capacity to support wildlife.

## Stormwater Fact

A single Oak tree may store 100 gallons of water or more; Oak trees are known as the king of biodiversity!

All parts of the tree support biodiversity - from the tips of the leaves to the bottom of the roots - providing homes for 2,300 wildlife species, including 1,178 invertebrates.

They are a living example of the vital link between native trees and balanced localized biodiversity. The more ancient an oak becomes, the more life it is able to support. As it moves into the monumental stage, the array of cracks and crevices offers a perfect framework for life



## Missouri Climate Pollution Reduction Grants Community Engagement Survey

The Missouri Department of Natural Resources (MDNR) is collecting public input to aid in developing a state climate action plan.

As part of the Inflation Reduction Act of 2022, the U.S. Environmental Protection Agency (EPA) is administering a new grant program to combat climate damage by reducing pollution. The Climate Pollution Reduction Grants (CPRG) program will provide \$5 billion in grants to states, local governments, tribes, and territories to develop and implement ambitious plans for reducing greenhouse gas emissions and other harmful air pollution.

Public input will guide future investments in local climate action programs, including:

- **Land use** (afforestation, urban greening, etc.)
- **Renewable Energy Projects** (Solar, Wind, Hydro, Geothermal, etc.)
- **Energy Storage Projects** (pumped hydro, batteries, hydrogen, etc.)
- **Energy Efficiency** (building weatherization, Energy Star appliances, etc.)
- **Fuel conversions** (coal-to-gas, gas-to-hydrogen, energy generation etc.)
- **Electric conversions** (for vehicles, appliances, industrial operations, etc.)

Make your voice heard by providing input before December 10, 2023 at:

<https://www.surveymonkey.com/r/CPRG-Community-Engagement-Survey>(External link)

## Quick Quiz

Take this quick quiz at <https://forms.gle/B4WSpyfrPhY4h2876> or send it to Michele Woolbright in Resource Management, or email them to [Stormwater@boonecountymo.org](mailto:Stormwater@boonecountymo.org) with your answers by December 15th. Participants can win a travel mug!

1. What event is on December 7th at 8 P.M.?

2. What are Oak trees known as?

A) Bellhops

B) Kings of biodiversity

C) Trouble Makers