

Additional Resources



Ducks Unlimited – The Power of Wetlands:
<https://www.ducks.org/conservation/the-power-of-wetlands>

Wetlands: Why Should I Care?
https://www.ramsar.org/sites/default/files/fact_sheets_1-4_eng.pdf



Rainscapes – Environmentally Friendly Landscapes for Healthy Watersheds
[https://www.montgomerycountymd.gov/DEP/Resources/Files/downloads/rainscapes/RS_Projects_ManualLoRes\(1\).pdf](https://www.montgomerycountymd.gov/DEP/Resources/Files/downloads/rainscapes/RS_Projects_ManualLoRes(1).pdf)

Pennsylvania State University Extension – Managing Your Restored Wetland:
<https://extension.psu.edu/managing-your-restored-wetland>



Registration ends
March 31, 2023

<https://tinyurl.com/wy8tjg5>

Three ways to register!

1. Scan the QR code or type the URL to access the online registration form.
2. Email Robert Schwartz, BYB coordinator, at robertr.schwartz@maryland.gov
3. Call the Forest Service at 301-791-4733

The Backyard Buffers program and this workshop are generously supported by the United States Forest Service (Grant #17-DG-11420004-034)



Maryland Forest Service
(301) 791 4733
Toll free: (877) 260-8367
Out of state call: (410) 260-8531
TTY Users call via the MD Relay
14038 Blairs Valley Road, Clear Spring, MD 21722
Dnr.Maryland.gov



Wes Moore, Governor
Josh Kurtz, Secretary

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Accommodations for individuals with disabilities will be provided upon request. Seven days advance notice is requested.

While you pick up your trees, come out to the
the
“Wonderful Wetlands” workshop at the
Washington County Agricultural
Education Center
(7313 Sharpsburg Pike, Keedysville, MD)

Presented by the Maryland Forest Service
in partnership with:

Antietam- Conococheague Watershed Alliance
Washington County Soil Conservation District

Agenda includes:

- 9:30 – 10:15 Wetland Ecology (TBD)
- 10:15 – 10:45 Wetland Restoration and Beaver Dam Analogues (Bryan Seipp, EcoTone Inc.)
- 10:45 – 11:30 Coexisting with Beavers (Alison Zak, Human Beaver Coexistence Fund)
- 11:30 – 11:45 How to Design a Stream Buffer (Bob Schwartz, Maryland Forest Service)
- 11:45 – 12:15 State of the Antietam (Susan Simonson, Antietam-Conococheague Watershed Alliance)
- 12:15-12:45 Stormwater and Stormwater Week (Alex Reed, Washington County Division of Environmental Management)
- 12:45-1 Planting 5 Million Trees (Anna Twigg, Maryland Forest Service)

Workshop participants will receive:

- BYB bag of 30 seedlings
- Tree shelters (limited number)
- Expert advice on tree planting and pollinators
- Coffee and donuts!



Maryland Forest Service
Backyard Buffers Program
14038 Blairs Valley Road
Clear Spring, MD 21722



**BACKYARD
BUFFERS**

is planting

**Wonderful
Wetlands**



Maryland Forest Service

**Creating a Landscape
That Will Make
a Difference**



What are buffers? How do they relate to wetlands?

In short, buffers are vegetation along streams and wetlands. When many people think of wetlands, they may think of the marshes of the Coastal Plain but Washington County historically had a large amount of wetlands, ranging from open marshes to forested seeps and riparian areas. In fact, most local stream valleys were at one time covered in wetlands that silted in and were destroyed during the widespread clearing of forest during settlement. Despite this destruction, we have come to realize the incredible importance of wetlands to both humans and wildlife as well as the need to restore them on our landscapes.



Ed Newton

Elena Gilroy

Mohammed Mubashir

Maryland DNR

Bob Schwartz

What's in the Bag?

- A "buffer in a bag," 30 tree/shrub seedlings suited to streambanks and wet areas
- Planting guides, information on cool wetlands, and ways to do more

A future water quality boon!

Buffer forests are naturally somewhat wild places, where forest and wetland meet and mingle, providing critical wildlife habitat and water quality benefits in otherwise suburban or urban areas. Wet buffer forests are a type of riparian wetland and provide opportunities to look out at your suburban backyard and see deer, songbirds, butterflies, and more. They provide fall color and flood mitigation, erosion control and foraging spots. From the tallest canopy tree, to the shrubs and wildflowers on the forest floor, to rushes at the water's edge, each layer plays a role in providing these benefits. By planting native plants and restoring native wetlands you can provide resources to pollinators, fruits for humans and wildlife, clean the air and water, and help human and wildlife populations thrive; together and connected.

Why wetlands?

Plant Profiles



Maryland DNR Nursery

Possumhaw/Deciduous Holly (*Ilex decidua*)
 Max height: 10-15'
 Light: Part shade to full sun
 A wide-ranging shrub of swampy seeps and wet depressions. Berries are attractive and useful to a wide-variety of wildlife, particularly resident songbirds. Flowers are good for pollinators though not particularly showy.



Maryland DNR Nursery

Hazel Alder (*Corylus americana*)
 Max height: 8'
 Light: Shade to full sun
 Dense growth provides excellent cover and soil stabilization. Browsed by deer. Nuts have exceptional nutritional value for deer and most game birds. They are tasty to humans as well.



Maryland DNR Nursery

Redbud (*Cercis canadensis*)
 Max height: 30'
 Light: Full sun to light shade
 Delightful pink blossoms in spring attract pollinators while the seeds feed chickadees and bobwhite quail. Flowers are edible and taste like peas.



Maryland DNR Nursery

Chickasaw Plum (*Prunus angustifolia*)
 Max height: 25'
 Light: Full sun to light shade
 An excellent streambank stabilizer. Growth habit provides excellent nesting cover while the lovely spring flowers attract pollinators. Native Americans bred this tree for its fruit which is tasty to both humans and wildlife.



Nursery

Pin Oak (*Quercus palustris*)
 Max height: 80'
 Light: Full sun
 An oak of wet or moist soils. Fast grower with pollution tolerance. Small acorns are good for wildlife and leaves support numerous insects.



Maryland DNR Nursery

Loblolly-Pitch Pine Hybrid (*Pinus rigida x taeda*)
 Max height: 60'
 Light: Full to part sun
 A hybrid of the classic coastal plain wetland-edge pine. Good moisture and cold tolerance. Provides great thermal cover.