

Maryland Coastal Bays Program: Notes from the Field

Forests

Welcome to the Maryland Coastal Bays Program's (MCBP) virtual learning program *Notes from the Field*. This Monday's "Bulk Resource" page is on FORESTS. Provided is a conglomeration of relevant materials from credible sources for anyone to use as a knowledge resource on this subject. The majority of what we have shared is Maryland-based resources, and we encourage you to further research on the subject as there countless other fantastic sources. The resources we have compiled are broken down into three categories; relevant websites, videos, and activities & lessons.

MCBP exists to protect and conserve the waters and surrounding watershed of Maryland's five Coastal Bays; Assawoman, Isle of Wight, Newport, Sinepuxent, and Chincoteague. Historically, our Coastal Bays' forests were dominated by cedars, pines, oaks, and cypress. Following decades of development and land conversion, many of our forested wetlands, such as cedar swamps, have been largely extirpated from our region. MCBP works tirelessly to re-establish various forested wetlands and the coastal habitat and wildlife they support through restoration projects on properties such as Lizard Hill and Ilia Fehrer Nature Preserve. Check out mdcoastalbays.org for more information on our restoration projects.

Relevant Websites

Organization	Description of Resource	Link	Who
MD Department of Natural Resources	Pocomoke State Forest mainpage - one of nine state forests in MD	https://dnr.maryland.gov/forests/Pages/publiclands/eastern_pocomokeforest.aspx	All ages
Smithsonian	ForestGEO (Global Earth Observatory Network) -ForestGEO is a global network of forest research sites and scientists dedicated to the study of tropical and temperate forest function and diversity. The multi-institutional network comprises 70 forest research sites across the Americas, Africa, Asia, Europe, and Oceania	https://forestgeo.si.edu/what-forestgeo	Middle School - Adult



Old Growth Forest Network	The Old-Growth Forest Network is the only national network in the U.S. of protected, old-growth, native forests where people of all generations can experience biodiversity and the beauty of nature.	https://www.oldgrowthforest.net/	Adult
NOAA - National Ocean Service	What is a maritime forest?	https://oceanservice.noaa.gov/facts/maritime-forest.html	All ages
Maryland Coastal Bays Program	From Field to Forest and Back Again: A Story of Succession. Article	https://mdcoastalbays.org/news-resources/page-view/O/news-view/266	Middle - Adult
MD Department of Natural Resource and US Forest Service	Maryland Forests Story Maps: explore the history, changes, and issues regarding MD forests through maps, text, videos, and photos designed by Esri.	https://dnr.maryland.gov/forests/Pages/storymaps.aspx	Middle - Adult
University of Maryland Extension	Woodland Stewardship Education For Youth	https://extension.umd.edu/woodland/your-woodland/getting-started-forest-stewardship https://extension.umd.edu/woodland/your-woodland/youth-and-forestry	All ages
Yale Schools of Forestry and Environmental Studies	Global Forest Atlas: Forest Restoration and Reforestation	https://globalforestatlas.yale.edu/conservation/forest-restoration-reforestation	

Videos

Organization	Description of Resource	Link	Who
National Park Service	Get to Know an Old-Growth Forest - Join an interpretive ranger for a series of virtual episodes about some of the natural and cultural history of the Redwood National and State Parks in California.	https://www.nps.gov/redw/learn/photosmultimedia/redwoodminute360.htm	All ages



Crash Course: Ecology	Ecological Succession: Change is Good	https://www.youtube.com/watch?v=jZKIHe2LDP8&list=PL8dPuu_aLjXtNdTKZkV_GiYXpV9w4WxbX&index=7&t=Os	Middle - Adults
Arlington Echo	Head Outside - Learn about invasive species and how to remove them from your own natural spaces.	https://www.youtube.com/watch?v=8E_Oq6Vr8QA	All ages
Fun Science Demos	Erosion and Soil - Learn why erosion occurs more slowly when soil is paired with leaf debris or plants in this simple demonstration you can try at home	https://www.youtube.com/watch?v=im4HVXMG168	Middle - Adults
NOAA Ocean Today	Facts about a Maritime Forest video	https://oceanoday.noaa.gov/maritimeforests/	Middle - Adult

Activities and Lessons

Organization	Description of Resource	Link	Who
MD Department of Natural Resources	Forest Education	https://www.plt.org/wp-content/uploads/pdf/PLTPreK-8_Activity-21_Adopt-a-Tree_Student-Page_Adopt-a-Tree-Activities.pdf	All ages- something for everyone
Casey Trees, Washington, DC	Virtual Class focused on the trees in Washington, DC	https://caseytrees.org/2020/04/virtual-classes-post/	HS to Adult
Project Learning Tree	Trees in your own Backyard activities	https://www.plt.org/activities-for-families/in-your-own-backyard/	Family Activities
Penn State Extension	Teach for Forests: Forest Education for Teachers and Youth Leaders *Free through April 30*	https://extension.psu.edu/teach-for-forests-forest-education-for-teachers-and-youth-leaders	Teachers, Educators, Youth Leaders
Nature Watch	Animal Tracks poster- common to East Coast	https://www.nature-watch.com/images/Nature%20Watch%20No_%20American%20Animal%20Tracks%208_5x11.pdf?utm_source=streamsend&utm	All ages



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Project Learning Tree	Adopt a Tree (journaling) Short activities	https://www.plt.org/wp-content/uploads/pdf/PLTPreK-8_Activity-21_Adopt-a-Tree_Student-Page_Adopt-a-Tree-Activities.pdf	Elementary - Adult
American Tree Farm System	Lessons and Activities for Youth	https://www.treefarmssystem.org/family-activities	Toddler - Middle



This document was produced by the Maryland Coastal Bays Program (MCBP) as a resource for teaching and learning about topics important to the MCBP mission and values. Visit www.mdcoastalbays.org for more information.