



IT'S ALL ABOUT THE FOREST

2020 Carroll County Forestry Board - Spring Thaw Workshop

Saturday March 14, 2020

Wesley Freedom United Methodist Church

961 Johnsville Rd. Sykesville, MD 21784

(on the corner of Johnsville Rd. & Liberty Rd.)

Workshop Proceeds will help send Maryland High School Students to the 2020 Natural Resources Careers Camp (NRCC).

Agenda

8:00 – Registration/ Continental Breakfast / View Exhibits

8:30 – 9:00 Welcome: Chris Spaur – Workshop Committee Chairman

9:00 – 9:30 Trout Streams in Carroll County - *Mark Staley, Central Region Manager, Freshwater Fisheries Program, Fishing & Boating Services, Maryland Department of Natural Resources.* Marks presentation will dive into wild trout streams in Carroll County, including the history, distribution, habitat needs and opportunities for expanding cold water trout habitat.

Mark is responsible for managing recreational fisheries throughout five counties in Central Maryland and Baltimore City, from headwater brook trout streams to tidal largemouth bass fisheries in the Upper Chesapeake.

9:30 - 10:00 Stream Restoration - *Rich Starr, Senior Water Resources Scientist, Ecosystem Planning & Restoration, LLC* - Mr. Starrs presentation will focus on how to maximize potential functional ecological stream processes during stream restoration design development.

Rich has over 29 years of experience in watershed and stream assessment, planning and restoration. Past positions include Senior Water Resource Scientist and Project Manager at the US Army Corps of Engineers and Chief of the Habitat Restoration Division, US Fish & Wildlife Service Chesapeake Bay Field Office. His expertise includes leading critical studies for major watershed-based ecosystem restoration and water resources development projects and designing plans for wildlife and fisheries habitat enhancement projects.

10:00-10:15 Break

10:15 - 10:45 USDA Programs for Financial Assistance of Woodland Acres – *Jennifer Kemp, Soil Conservationist, Natural Resources Conservation Service – United States Department of Agriculture (USDA).* Jen will provide an overview of the different USDA agencies and explore the technical and cost- share programs available to help forest owners manage their land. She will also review the process to determine program eligibility and how the payment system works. Jennifer received her degree in Agronomy from University of Maryland and worked in the agricultural field as a consultant for 16 years before joining the public sector. When not assisting farmers in her role as an NRCS Soil Conservationist, Jennifer manages the family farm with her husband and three children.

10:45 -11:00 Applications of Program Practices and Standards at “Daughters Ridge Tree Farm - A Landowners Perspective – Chuck Lewis, Maryland Tree Farm Committee member and owners of Daughters Ridge Tree Farm. Chuck will share the various conservation land management practices he has accomplished on his Tree Farm using technical and cost-share assistance available to Maryland landowners. Chuck Lewis owns and manages an American Tree Farm System Certified woodland in Carroll County, Maryland. The American Tree Farm System is a nationwide community of woodland owners committed to sustainable stewardship of their land.

11:00 - 11:30 Bugs and Blights: New and Old Problems Threatening the Health of Maryland Trees University of Maryland Extension Specialists David Clement and Stanton Gill will provide an overview of old and new insects, diseases and climatic events affecting tree health in our area.

Dr. David Clement has served as a state-wide Extension Specialist in plant pathology, Integrated Pest Management (IPM) and diagnostics for Maryland Extension for 30 years. His primary focus areas are invasive disease species education, the correct diagnosis of ornamental/lawn problems and management of diseases/cultural issues through IPM strategies. David coordinates, develops, and participates in presentations and applied research targeted to the Landscape/Trees/Turf industry.

Stanton Gill is a State-wide University of Maryland Extension Specialist and Tenured faculty member. He has been stationed at the Central MD Research and Education Center since 1988. Stanton specializes in IPM and Entomology, working with arborists, landscape professionals, nursery and greenhouse growers. At night Stanton is a full professor in the Landscape Technology Program at Montgomery College.

In the spring of 2020 Stanton Gill and David Clement will join forces as Professors at Howard College in Columbia, MD, to teach a combined Insect and Disease Diagnostic class for the commercial horticulture industry.

11:30-12:00 The Bay Starts Here: Bog Turtles and Riparian Wildlife in Central Maryland – Scott Smith, Wildlife Diversity Ecologist,, Maryland Department of Natural Resources Heritage Program. Scott will reveal some of the most interesting and rarer wildlife species found in riparian habitat areas in Carroll County and Central Maryland, why the conservation of these species is so important and options for protection and management of their habitat areas.

Scott has worked as an ecologist with the DNR Wildlife & Heritage Service for 30 years. His current work focuses on the conservation of reptiles and amphibians and their habitat across Maryland. He has also developed extensive knowledge of birds and wetland plants. Scott lives on the Eastern Shore with his wife, Nancy.

12:00-1:00— Lunch. Time to eat, relax, mingle and visit exhibits

1:00 – 1:30 Wildland Fire in the East: Benefits, Problems, Prevention and the Wildland-Urban Interface - *David Robbins, Risk and Recovery Manager, Maryland Emergency Management Agency (MEMA)*. David will provide an overview of the complex issue of wildland fire management in the Mid-Atlantic region, discuss wildfire behavior in Maryland, the pros and cons of wildland fire and potential uses of fire as a land management tool.

David joined MEMA in 2018, after an 18-year career with the Maryland Department of Natural Resources Forest Service, where he created and managed the popular *FireWise Maryland* program. He currently manages MEMAs' new real-time Risk Analysis program and coordinates state disaster recovery efforts.

1:30 -1:45 Break

1:45 – 2:15 Vegetation History of the Mid-Atlantic Region, From the Last Glacial Maximum to Present Day – *Dr. David Nelson, University of Maryland Center for Environmental Science*. Davids' expertise is in the field of paleoecology and stable isotope ecology. His presentation will synthesize the results from studies conducted over several decades, to illustrate what is currently known about post-glacial changes in the composition of plants across the landscape of Maryland and the broader region.

Dr. Nelson is an associate professor at the Appalachian Laboratory of the University of Maryland Center for Environmental Science in Frostburg. He received a Ph.D. in 2005 from the University of Illinois Urbana-Champaign, investigating the role of climate and fire in the development of tallgrass prairie in the Midwestern United States.

2:15 - 2:45 Maryland's Forests: Impacted by Climate Change And A Key Part Of The Solution – *Dr. Sara Via, Professor and Climate Extension Specialist, University of Maryland College Park*. Forests are recognized as one of the pieces of the climate solution puzzle. At the same time, climate change is potentially negatively affecting the health of forests. Dr. Via makes the science behind climate change solutions interesting and entertaining. She will explain how the processes of climate change and forest health intertwine and how management strategies that improve forest health can increase the economic and environmental value of woodland.

Dr. Via recently worked with the Maryland Department of Agriculture, developing an incentive program to increase agricultural practices which sequester carbon. As a member of the U.S Climate Alliance Working Lands Workgroup, she collaborates with forestry professionals to understand climate impacts of forests and how healthy forests can be part of the climate solution.

2:45 - Closing Remarks, Continuing Education Credits and Evaluations –Please complete our evaluation form. Your comments and suggestions for future workshops are very important to us.

***Remember to sign-up for your continuing education credits before you leave!
(No sign-up sheet for Master Gardener and Master Naturalist-just keep your agenda and report your attendance to your coordinator)***

APPROVED CONTINUING EDUCATION CREDITS

Carroll County Forestry Board Workshop “It’s All About the Forest”

- ✓ **Maryland Department of Agriculture Commercial/Public Agency Pesticide:** 8 credits
 - ✓ **International Society of Arboriculture CEU’S** – 3.25 Cert. Arborist, 3.25 Municipal Specialist, 3.25 BCMA Management
 - ✓ **Maryland Department of Natural Resources Licensed Tree Expert:** 2.0 credits
 - ✓ **Society of American Foresters** –Category 1-CF: 4 CFE credits
 - ✓ **UMD Extension Master Gardeners**
 - ✓ **UMD Extension Master Naturalists**
 - ✓ **Maryland Master Logger:** 4 credits
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This workshop supported in part by:

*The Maryland Tree Farm
Committee*



*Bartlett Tree Experts
Finksburg Office*



Registration Information:

Cost: \$50/person includes *Continental breakfast, coffee bar, snacks, lunch, course materials and the Chairmans’ famous “Smart and Lucky” game for prizes.*

Registration deadline: *Friday, March 6, 2020*

Register on-line (credit card payment) or mail in (check payment):

www.carrollcountyforestryboard.org

For more information call: 410-848-9290

or email: donnal.davis@maryland.gov