

Seeing the
— FOREST —
for the Trees
FUTURE POTENTIAL FOR
BIOMASS ENERGY IN MARYLAND

ENVIRONMENTAL FRAMEWORK -
INCENTIVIZING WOODY BIOMASS ENERGY
& REGULATING CARBON EMISSIONS

TUESDAY, JUNE 16, 2020

10:30 AM – 12:00 PM

WEBINAR SERIES: SESSION 3

For more information visit
MDCLEANENERGY.ORG/BIOMASS

BIOMASS WEBINAR SERIES OVERVIEW

Forest management is necessary to ensure carbon sequestration for air quality and to protect the Chesapeake Bay Watershed. Management of forests produces woody biomass materials, which are also available in excess from storm debris removal and tree maintenance. This resource is marketable as a good source for thermal energy generation.

This webinar series will highlight available technologies, economic competitiveness, ease of installing and operating biomass energy systems to examine how Maryland commercial and institutional consumers can benefit from the adoption of thermal biomass energy solutions.

Speakers will share case study examples of successful projects and discussions will cover a range of economic, operational, environmental, policy, and regulatory considerations.

SESSION 3

Using woody biomass for energy has neutral impacts on carbon emissions when the right policy and regulatory framework are in place. It is important for educated stakeholders to work together to create sound policies and regulations for the harvest and use of woody biomass for energy.

In this webinar, participants will gain a broader understanding of:

- Basics of forest carbon accounting, including the critical role of scale and time
- Emissions associated with typical woody biomass energy systems, and the ability of available technologies to comply with Maryland air quality regulations
- State policies and laws for climate action and clean energy, including the opportunities and barriers to woody biomass energy under current policy

PANELISTS



Christopher Beck

Division Chief –
Climate Program

MD Dept. of the
Environment



Dr. Elliott Campbell

Director,
Center for Economic and
Social Science

MD Dept. of Natural
Resources



Kendall DeLyser

Senior Manager of Forests
and Climate

American Forests



Dr. Suzanne Dorsey

Assistant Secretary

MD Dept. of the
Environment



Dan Rider

Forest Stewardship &
Utilization Program
Manager

MD Dept. of Natural
Resources

Session Moderator: **Kenneth Jolly** Acting Director/State Forester, MD DNR Forest Service

This program is offered in association with the Spurring Fossil Free- Biomass initiative, brought to you by the [Maryland Forestry Foundation](#) and [Maryland Clean Energy Center](#) in partnership with the [Maryland Department of Natural Resources](#) and the [Sustainable Forestry Council](#), with funding from the [Maryland Agricultural Education and Rural Development Assistance Fund](#).



SESSION 3 SPEAKER BIOS

Kenneth Jolly Acting Director/State Forester, MD DNR Forest Service

Kenneth Jolly was appointed Acting Director/Maryland State Forester in December 2019, coming to the position with 38 years of professional forestry experience. He has served in a variety of forestry positions with the Maryland Department of Natural Resources Forest Service for the past 32 years, most recently as Director of Field Operations since 2001. He holds a BS in Forest Management from North Carolina State University, an MS in Organizational Management from University of Maryland University College, and completed Forestry Executive Training at Yale University. He was elected a Fellow in the Society of American Foresters in 2007, and has served in many leadership positions with the Society, including the Board of Directors from 2009-2011.

Dr. Suzanne Dorsey Assistant Secretary, MD Dept. of the Environment

With over 30 years of experience working towards conservation milestones she has learned that trust relationships are the key to success. By listening to and respecting differing views we can forge partnerships to craft solutions that secure clean air, water and land. As science sheds more light on the complexity of systems, solutions need to address multiple environmental outcomes while supporting a robust economy. Suzanne was the leader of a community-based environmental non-profit for over a decade and worked on issues ranging from endangered species protection to coastal resiliency. She was privileged to work with the agricultural community to balance the business needs of farming and forestry with vibrant natural resources. Now at MDE Suzanne works with water and science administration on Chesapeake Bay Restoration and on major issues that require cross agency collaboration like climate change and water quality nutrient trading. One of the most fulfilling aspects of her career is the opportunity to promote young, diverse scientists and leaders into positions where their skills will make an important impact.

BA in Biology: Drew University,
Masters: University of Maryland, Marine Estuarine Environmental Science,
Ph.D.: SUNY at Stony Brook, Coastal Oceanography.

Kendall DeLyser Senior Manager of Forests and Climate, American Forests

Kendall DeLyser is the Senior Manager of Forests and Climate at American Forests. Kendall manages American Forests' forest climate science projects and serves as the organization's technical expert on forests, carbon, and climate change. She is currently leading research partnerships on forest soil carbon, management impacts on forest ecosystem carbon, and the importance of forests as natural climate solutions.

Dr. Elliott Campbell Director, Center for Economic and Social Science, MD Dept. of Natural Resources

Dr. Campbell directs the Center for Economic and Social Science within the Chesapeake and Coastal Service at the Maryland Department of Natural Resources. His expertise is in ecological economics, a field focusing on the interactions between people and the natural environment. Part of his work is on quantifying the carbon benefit of natural lands and planning for how Maryland can increase these carbon sinks. He represents the Department on Maryland's Climate Mitigation workgroup and represents Maryland on the Natural and Working Lands workgroup of the US Climate Alliance. Prior to his current position he was a research faculty member at the University of Maryland College Park, where he also received his doctorate.

Christopher Beck Division Chief – Climate Program, MD Dept. of the Environment

Christopher Beck is a Division Chief in the Climate Change Program at the Maryland Department of the Environment. He received his Masters in Environmental Health Science and Engineering in 2002 from Johns Hopkins University. Since 2009, Mr. Beck has been working in the Air and Radiation Administration at MDE. Mr. Beck's division produces the Greenhouse Gas Reduction Act (GGRA) Plan, a comprehensive document that plots a course for Maryland to mitigate and adapt to climate change. The Plan addresses the economics of such a plan, other types of air pollution, human health impacts, and environmental justice.

Dan Rider Forest Stewardship & Utilization Program Manager, MD Dept. of Natural Resources

The Forest Stewardship Program is the primary portal of the Maryland Forest Service for delivering technical and financial assistance to private landowners. Our goal is for any of the 150,000+ forest owners to have access to the best expertise and services of professional foresters. We encourage maximum usage of our services.

Forest management planning, reforestation, invasive species control, forest improvement methods, inter-generational planning, long-term and perpetual protection of forests are a few examples of interests within the Forest Stewardship Program. Dan manages this program and loves doing so.