



*Biochar-amendment nursery substrate  
(Photo by U.S. National Forest Service)*

**Using Carbon to Achieve Chesapeake Bay (and Watershed)  
Water Quality Goals and Climate Resiliency:  
The Science, Gaps, Implementation Activities and Opportunities**

May 25-26th, 2023 | 9 am to 5 pm EST  
Location TBD | Bethel, PA

The [Scientific and Technical Advisory Committee](#) (STAC) is hosting a [two-day workshop](#) to bring together leading experts to elevate the use of biochar in practice by evaluating and translating current research for integration into current Chesapeake Bay protocols. Concurrent with rapid global research and biochar-focused publications, US research grew with demonstration projects in the Chesapeake Bay region conducted by a multidisciplinary team of researchers, state and federal partners, and non-profits. These projects show significant environmental benefits including water quality improvement (reduction of nutrients/toxics), improved agricultural and urban soil health, and significant increases in soil infiltration capacity and hydrology. They have greatly advanced the empirical evidence supporting biochar protocols, standards, specifications, and crediting which are lacking in the Bay region. The purpose of this workshop is to accelerate the water quality efforts via the benefits biochar provides to more closely meet 2025 requirements and plan forward for water quality policies and carbon negative opportunities considered in the forthcoming 2025-2035 Climate TMDL.

**You may RSVP using the link below.** In-person attendance is strongly encouraged though there is a virtual participation option. Once you RSVP, you will receive additional workshop information including event and lodging information, workshop agenda, and pre-workshop literature review when available.

[RSVP Here](#)

For more information, please contact Meg Cole, STAC Coordinator,  
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