



*Fishing for brook trout in Pendleton County, W.Va.  
(Photo by Chesapeake Bay Program)*

## **Understanding Genetics for Successful Conservation and Restoration of Resilient Chesapeake Bay Brook Trout Populations**

**September 28-29, 2021 | 9 am to 4 pm EST**

Traditionally, fisheries management has focused on the abundance, distribution, and size structure of populations. Although these factors remain key aspects of management, a large and growing body of evidence highlights the importance of genetics in conserving wild populations, especially when populations are small and isolated. Local adaptations are very common among fishes and help populations cope with specific conditions in their local environment. The field of conservation genetics and genomics is highly technical and has advanced rapidly in recent years, offering a wealth of information to support brook trout conservation and restoration. A major impediment to successfully incorporating these advances into conservation outcomes is that most fisheries managers have only a basic understanding of fish genetics and its relevance to their management decisions. Please join the [Scientific and Technical Advisory Committee](#) (STAC) and our partners for a two-day workshop which aims to communicate the importance of genetic information for Brook trout management, review key conservation genetics concepts, and explore available genetics datasets and explore how they may be used to support management. *A virtual option will be available for those who want to participate via webinar.*

**[RSVP here](#)**

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