

Hack the Bay

Hack the Bay was a virtual hackathon designed to help solve some of the toughest challenges facing the Chesapeake Bay watershed.

We received 20 projects total, including 10 incredibly competitive, completed projects and 10 creative, partially scoped solutions.

- **Challenge 1: Develop a Restoration Case Study**
- **Challenge 2: Identify Data Gaps**
- **Challenge 3: Model Water Pollution**
- **Challenge 4: Design a Water Quality Report**

Card



August 3 – September 20, 2020

Chesapeakemonitoringcoop.org/hackthebay/

Partners



Booz | Allen | Hamilton



Tier 3 Update

- Nanticoke Watershed Alliance – recertified in spring 2020
- BlueWater Baltimore – recertified in spring 2020 (loose end needs to be tied up by C. Donovan)
- Arundel Rivers Federation – recertification coming up in 2021. Potential for new Tier 3 sites if equipment details are worked out.

Tier 3 Update

- New groups?
 - ShoreRivers
 - Severn River Association
 - <https://severnriver.org/programs/water-quality-monitoring/>
 - Field audits

Program accomplishment report

- 6 years of awesome work by the CMC and partners!
- Releasing in 2021

CHESAPEAKE MONITORING COOPERATIVE

2015-2020 Program Accomplishments




OUR MISSION
Chesapeake Monitoring Cooperative works with diverse partners to collect and share new and existing water quality data. Through this collaboration, we aim to develop a comprehensive understanding of Chesapeake Bay Watershed health.

OUR VISION
We envision a Chesapeake community where all data of known quality are used to inform watershed management decisions and restoration efforts.

OUR TEAM
Alliance for the Chesapeake Bay
Izaak Walton League of America
Alliance for Aquatic Resource Monitoring
University of Maryland Center for Environmental Science
Chesapeake Bay Program partnership

Over the last six years, the Chesapeake Monitoring Cooperative has connected initiatives across monitoring groups and regions in order to amplify voices and enhance our understanding of the health of the Chesapeake Bay watershed. To accomplish this, we provided technical, programmatic, and outreach support to over 100 groups in order to integrate over 250,000 volunteer-based water quality and macroinvertebrate monitoring datapoints into our centralized data hub, the Chesapeake Data Explorer. These data are publicly available and used to assess the health of the Chesapeake Bay and watershed. We work with local monitoring groups to start or maintain monitoring programs by providing training, data integration into the Chesapeake Data Explorer, and data interpretation.



Contact us!



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