



The Abstract Quarterly : April 2021

Welcome to the STAC Abstract Quarterly Newsletter!
In this edition, we will focus on monitoring around the watershed, as well as Watershed-wide news and updates, upcoming STAC workshops and activities, and follow-up from our last meeting.

As always, thank you for your ongoing commitment to STAC and the greater Bay management effort.

[Visit STAC Website](#)

[RSVP for the June STAC Meeting](#)

STAC News

Save the Date: Upcoming STAC Workshops

[Overcoming the Hurdle: Addressing Implementation of Agricultural BMPs Through a Social Science Lens](#)

July 13-14 and July 20
Email [STAC Staff](#) if interested

[Understanding Genetics for Successful Conservation and Restoration of Resilient Chesapeake Bay Brook Trout Populations](#)

September 28-29
Register [here](#)

[Impacts of COVID-19 on Management Efforts: A workshop series on nutrients, fisheries, and local government](#)

May 17; May 24; June 7
More information [here](#)



New STAC Report: SAV Satellite Monitoring

Check out the final report on outcomes from the multi-session, 2019-2020 STAC workshop titled "[Exploring Satellite Image Integration for the Chesapeake Bay SAV Monitoring Program](#)".

Approved FY 2021 STAC Workshops

with links to the proposals

[Improve the Understanding and Coordination of Science Activities for PFAS](#)

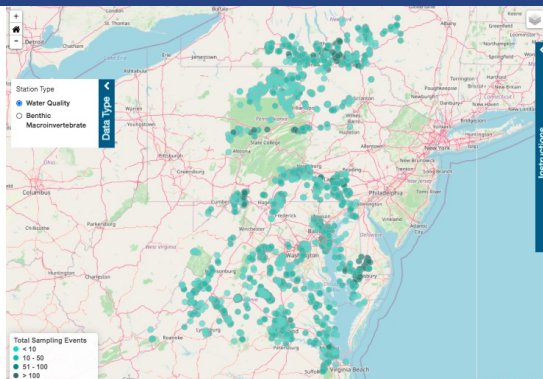
[Evaluating a Systems Approach to BMP Crediting](#)

[Improving modeling and mitigation strategies for poultry ammonia emissions](#)

[Rising Watershed and Bay Water Temperatures](#)

[Advancing Monitoring Approaches to Enhance Tidal Chesapeake Bay Habitat](#)

Trend Tracking: Monitoring in the Chesapeake



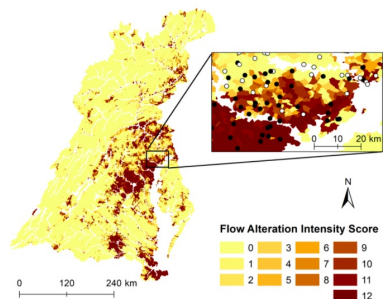
The [Chesapeake Bay Data Explorer](#) is an interactive tool for storing and sharing data collected by a network of water quality monitoring groups working with the [Chesapeake Monitoring Cooperative](#).

Learn more about the data hub in this recent [Chesapeake Bay Program article](#).

Volunteer-based monitoring programs are now connected to federal and state partners within a specialized data hub, the [Chesapeake Data Explorer](#).

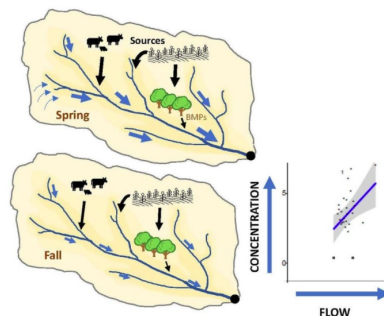
The framework has over 365,000 data points, including data from all seven Bay jurisdictions. Data can be downloaded and filtered for individual purpose.

[Liz Chudoba](#), Water Quality Monitoring Initiative Director, Alliance for the Chesapeake Bay, discussed this project at the [December 2020 CRC Roundtable](#) as it relates to community science.



Altered flow affects the biological health of streams in the Chesapeake Bay watershed

USGS, in partnership with the [Interstate Commission on the Potomac River Basin](#) (ICPRB), examined the role of altered flows on biological condition of small streams and found a range of altered flows. A flow-alteration intensity index was developed by the study (seen above).



Occurrence of toxic contaminant mixtures in surface water and groundwater in agricultural watersheds of the Chesapeake Bay

From a number of USGS toxic contaminant surveys across the Susquehanna and Potomac Rivers, potential co-benefits of best management practices to reduce agricultural run-off, nutrients, and sediments were found. Read more [here](#).

[How the "Blue Methane" Team Used COVID Restrictions To Get More Data Than Ever | SERC](#)

[Mid-Atlantic State of the Ecosystem report 2021 | NOAA](#)

[2021 Mid-Atlantic Regional Report | MARISA](#)

[NOAA Chesapeake Bay Office Biennial Report to Congress | NOAA](#)

Chesapeake Bay Program Meetings

To find information on upcoming meetings for CBP workgroups, GITs, Action Teams, and more, please visit the [Chesapeake Bay Program Calendar of Events](#). A selection of upcoming meetings in May 2021 is highlighted below.

Monday, May 3rd

- [Status and Trends Workgroup Call](#)

Tuesday, May 4th- Wednesday, May 5th

- [Habitat GIT Spring Meeting](#)

Monday, May 17th

- [Climate Resiliency Workgroup Call](#)

Wednesday, May 19th

- [Toxic Contaminants Workgroup Call](#)

Thursday, May 20th

- [Agriculture Workgroup Call](#)

May 2021

S	M	T	W	T	F	S
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

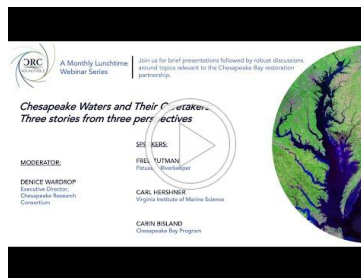
[<< Previous Month](#) | [Next Month >>](#)

From Around the Watershed: News and Webinars



Chesapeake Bay Program Virtual Webinar Series: April

[CBP Webinar: The Wonderful World of Native Plants and Pollinator](#)



Chesapeake Research Consortium April Roundtable

[Chesapeake Waters and Their Caretakers: Three stories from three perspectives](#)



Annual Progress Report of the Chesapeake Bay Program

[Chesapeake Bay Program: 2019-2020 Bay Barometer](#)



[Understanding the Role Coastal Marshes Play in Protecting Communities](#)

Recorded March webinar from the [National Estuarine Research Reserve System \(NERRS\) Science Collaborative](#) on understanding the role coastal marshes play in protecting communities from storm surge and flooding. The project discussed closely examined one marsh complex along the Hudson River Estuary in New York.

Panelists discuss modeling methods used to simulate future marsh vegetation and storm impacts produced by a series of past and future storm scenarios. More information on this talk can be found [here](#).

Upcoming Events and Webinars



**Maryland Association for
Environmental & Outdoor
Education: DEIJA Symposium
Series**

Wednesdays in April and May

Learn more about the virtual
conference [here](#).



**11th Annual Choose Clean
Water Conference**

May 24-26

Register [here](#).



**2021 Pennsylvania
Groundwater Symposium-
Virtual**

May 5-6

Learn more about the virtual
conference [here](#).