



## The Abstract Quarterly : August 2021

### Welcome to the STAC Abstract Quarterly Newsletter!

This edition will explore research, education, and trends in Chesapeake living resources. We include information on STAC reports, workshops, and partner efforts that highlight the water quality, habitat, social, and cultural importance of the

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

[Visit STAC Website](#)

[Complete poll on attending the September STAC Meeting](#)

## STAC News

### Save the Date: Upcoming STAC Workshops

[Assessing the Water Quality, Habitat, and Social Benefits of Green Riprap](#)

**September 15**  
Register [here](#)

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

**September 28-29**  
Register [here](#)

### Approved FY 2021 STAC Workshops

FY2021 began on June 1, 2021 and will run until May 31, 2022. The following workshop proposals (linked) were approved at our March meeting and are all in the process of planning.

[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](#)

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

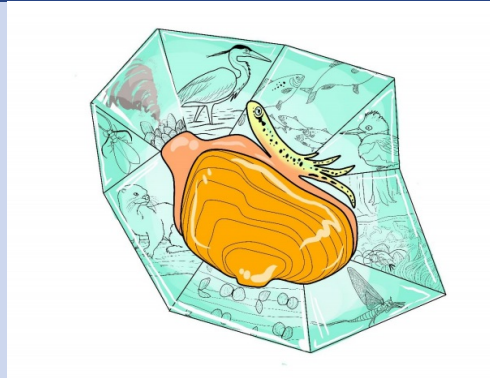
[Rising Watershed and Bay Water Temperatures](#)

### [STAC September Quarterly Meeting](#)

STAC will convene for an in-person meeting on September 13-14, 2021 in Havre de Grace,

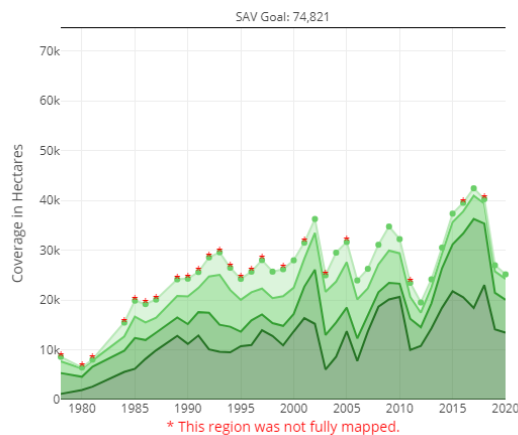
Maryland. There will be an online option for those who would prefer to participate virtually. There will be optional 'field trips' including a kayaking trip on the Susquehanna and a tour of Conowingo Dam. The latter pairs with presentations planned for Day 1 of the meeting on the recent trends seen with the Conowingo. STAC will also continue work on the Comprehensive Evaluation of System Response (CESR) and review membership vacancies and process. [Please RSVP for the meeting here!](#)

## Living Resources in the Chesapeake Bay



### "Livers of Our Rivers"

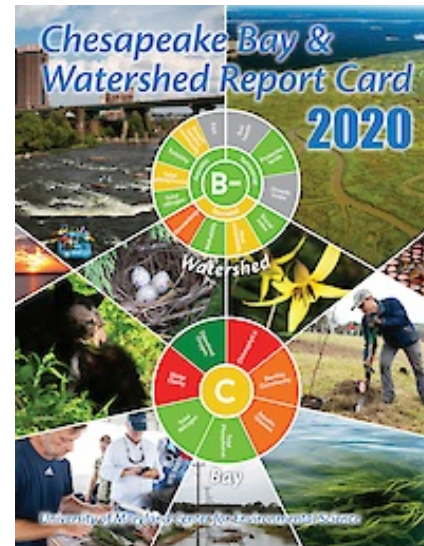
A CBF press release features the findings of the recent STAC report on freshwater mussels, citing the water quality, clarity and habitat benefits of this often underappreciated bivalve. The Southern Maryland Chronicle also featured the STAC report in [their article highlighting these "unsung heroes"](#).



### [A recently released VIMS report](#)

shows a 42% decline in SAV coverage in the Bay since 2018. Most of the two-year decline can be attributed to 2019 conditions, with the loss slowing in 2020.

The aerial survey detected 62,169 acres of SAV, far from the 185,000 acre goal stated in the Watershed Agreement. Read about the study in a recent CBP article [here](#).



The UMCES Chesapeake Bay Report Card for 2020 was released in June 2021 and reports on living resources including SAV, benthic communities, blue crabs, striped bass, and bay anchovies. Check out the trends with their [online, interactive tool!](#)

[4 Fisheries Projects to Connect Bay Fish & Changing Habitat | NOAA](#)

[Updates Chesapeake Science Strategy 2021-2015 | USGS](#)

[Summer 2021 Shorelines | Chesapeake Conservancy](#)

[Landowner Guide to Buffer Success | PA Conservation Reserve Enhancement Program](#)

# 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 August and September 2021 is highlighted below.

## Wednesday, August 11th

- [Toxic Contaminants Workgroup Call](#)

## Thursday, August 19th

- [Agriculture Workgroup Call](#)

## Thursday, August 26th

- [STAR Monthly Meeting](#)

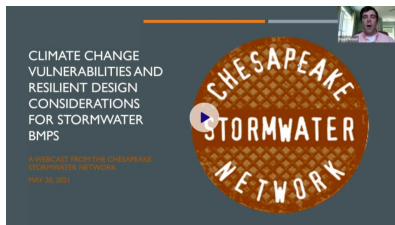
## Thursday, September 2nd

- [Watershed Technical Workgroup Call](#)

## August 2021

S	M	T	W	T	F	S
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	6	7	8	9	10	11

## From Around the Watershed: Past Webinars



Chesapeake Stormwater Network:  
2020 Webcast Series

[Climate Change Vulnerabilities and Resilient Design Considerations for Stormwater BMPs](#)



Chesapeake Bay Foundation

[Chesapeake Oyster Science Symposium](#)



MAEOE: DEIJ Symposium

[Creating Safe & Welcoming Spaces Outdoors](#)

## Jeremy Testa selected by UMCES graduate students to receive the Outstanding Faculty Member Award

Congratulations to Jeremy and we thank you for your dedication not only to your research and students, but to STAC and the Chesapeake Bay! [Check out the UMCES article and quotes from his students and colleagues here.](#)



## Upcoming Events and Webinars



**NOAA Science Seminar Series:  
Climate Equity and  
Environmental Justice Seminar**

*Virtual* - August 17

Learn more about the seminar series [here](#).



**Urban Tree Summit 2021**

*Virtual* - September 8

Register [here](#).



**16th Annual River Symposium**

*Virtual* - November 5-6

Learn more about the virtual symposium [here](#) or view the [Save the Date](#).