



Chesapeake Bay Program's (CBP)
Scientific and Technical Advisory Committee (STAC) Workshop

**Advancing Monitoring Approaches to Enhance Tidal Chesapeake Bay
Habitat Assessment Water Clarity/SAV**

[Workshop Webpage](#)

Thursday, December 9th

[Register for Virtual Workshop](#)

****Exact Times Are Subject to Change****

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|-----------------|---|
| 9:00 am | Introduction <ul style="list-style-type: none">• Introductions: Expertise in the room• Explanation of Overall Advanced Monitoring Workshop Purpose and Intent
— <i>Peter Tango (USGS)</i>• Objectives of SAV Session and brief review of the FY19 STAC SAV Satellite Workshop
— <i>Brooke Landry (MD DNR)</i> |
| 9:45 am | Automating the Quantification of Submerged Aquatic Vegetation from High Resolution Satellite Imagery — <i>Dick Zimmerman (ODU)</i>
Review of new research at Old Dominion University (ODU) on the possibilities of mapping SAV in the Chesapeake Bay using satellite-acquired data and AI. |
| 10:15 am | Satellite Derived Seagrass Update — <i>Megan Coffey, David Graybill, Victoria Hill, Cindy Lebrasse, Wilson Salls, Blake Schaeffer, Peter Whitman, Richard Zimmerman</i> |
| 10:45 am | Quantification of Blue Carbon Burial in Seagrass Ecosystems from High Resolution Commercial Imagery — <i>Victoria Hill (ODU)</i> |
| 11:15 am | Break |
| 12:15 pm | Report out on Results of STAC SAV/Satellite Workshop Tasking and Calibration Exercises; Implications and Feasibility of Moving to a Satellite-based SAV Monitoring Program — <i>David Wilcox and Chris Patrick (VIMS)</i>
Overview of work funded following the STAC SAV Satellite Workshop and completed by VIMS. David will provide a report-out on the tasking and calibration exercise, as well as discuss potential recommendations. |
| 1:15 pm | Session Wrap-up
Discussion and reflections on the day's presentations. |
| 2:00 pm | Workshop Adjourns for SAV/Satellite Workshop Participants
SAV/Satellite Steering Committee will report back at 2:30. |
| 2:30 pm | Exploring Satellite Image Integration for the Chesapeake Bay SAV Monitoring Program Steering Committee Reconvene — <i>FY19 Steering Committee</i> |

Following full-bay tasking and the calibration exercise, the FY19 workshop Steering Committee will reconvene to review the progress made and lessons learned during the tasking and calibration exercises. VIMS' report and an addendum with more detailed instructions and final recommendations will be submitted to STAC.

4:30 pm

Adjourn