



Chesapeake Bay Program's (CBP)
Scientific and Technical Advisory Committee (STAC)
Workshop – April 22, 2022

**Advancing Monitoring Approaches to Enhance Tidal Chesapeake Bay
Habitat Assessment on Morning Water Clarity and Chlorophyll a**

Virtual Meeting
[Workshop webpage](#)

Friday, April 22nd

[Register in advance](#)

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

- 9:00 am** **Welcome and Overview of Workshop Goals**
- 9:10 am** **State Water Clarity Assessment Review**
- 9:10 am MD Water Clarity Assessment
 - 9:20 am VA Water Clarity Assessment
 - 9:30 am DC Water Clarity Assessment
- 9:30 am** **Resources for Clarity-related Analyses —**
- 9:30 am Short and long-term station-specific CHLA secchi trends
 - 9:50 am Related author presentation on Bay clarity assessment
 - 10:10 am NOAA satellite product of Chesapeake Bay clarity
- 10:10 am** **Break**
- 10:25 am** **Group Discussion**
- Participants will discuss in a group what products available for decision-making they are currently utilizing. This conversation is aimed at working through the following questions:
- What monitoring is needed to support use of an available protocol?
 - Do we need to revise or expand criteria? Are there other ways for us to think about water clarity besides an acreage?
 - Does satellite-based assessment offer an option for annual frequency baywide water clarity assessments?
- 11:15 am** **Recommendations for Satellite-based Assessment of Water Clarity**
- Participants will develop draft recommendations on steps toward a satellite-based assessment of water clarity for:
- Monitoring needs
 - Protocol development needs
- 12:15 pm** **Lunch**
- 1:15 pm** **State Chlorophyll a Assessment Review**
- 1:15 pm MD Water Clarity Assessment
 - 1:25 pm VA Water Clarity Assessment
 - 1:35 pm DC Water Clarity Assessment
- 1:45 pm** **Resources for Chlorophyll a-related Analyses**
- 1:45 pm Short and long-term station-specific CHLA secchi trends
 - 2:05 pm Related author presentation on Bay clarity assessment
 - 2:25 pm USGS satellite-based CHLA assessment for Chesapeake Bay

- **2:45 pm NOAA satellite-based CHLA assessment for Chesapeake Bay**

3:05 pm Break

3:20 pm Group Discussion:

This discussion is aimed at what recommendations are need from current assessment to expand criteria, develop new criteria, and possibly new assessment protocols.

- Are you using any of the products available for decision-making? If not, why not?
- Temperature sensitivity: Do we have the right definitions of spring and summer?

4:20 pm Adjourn