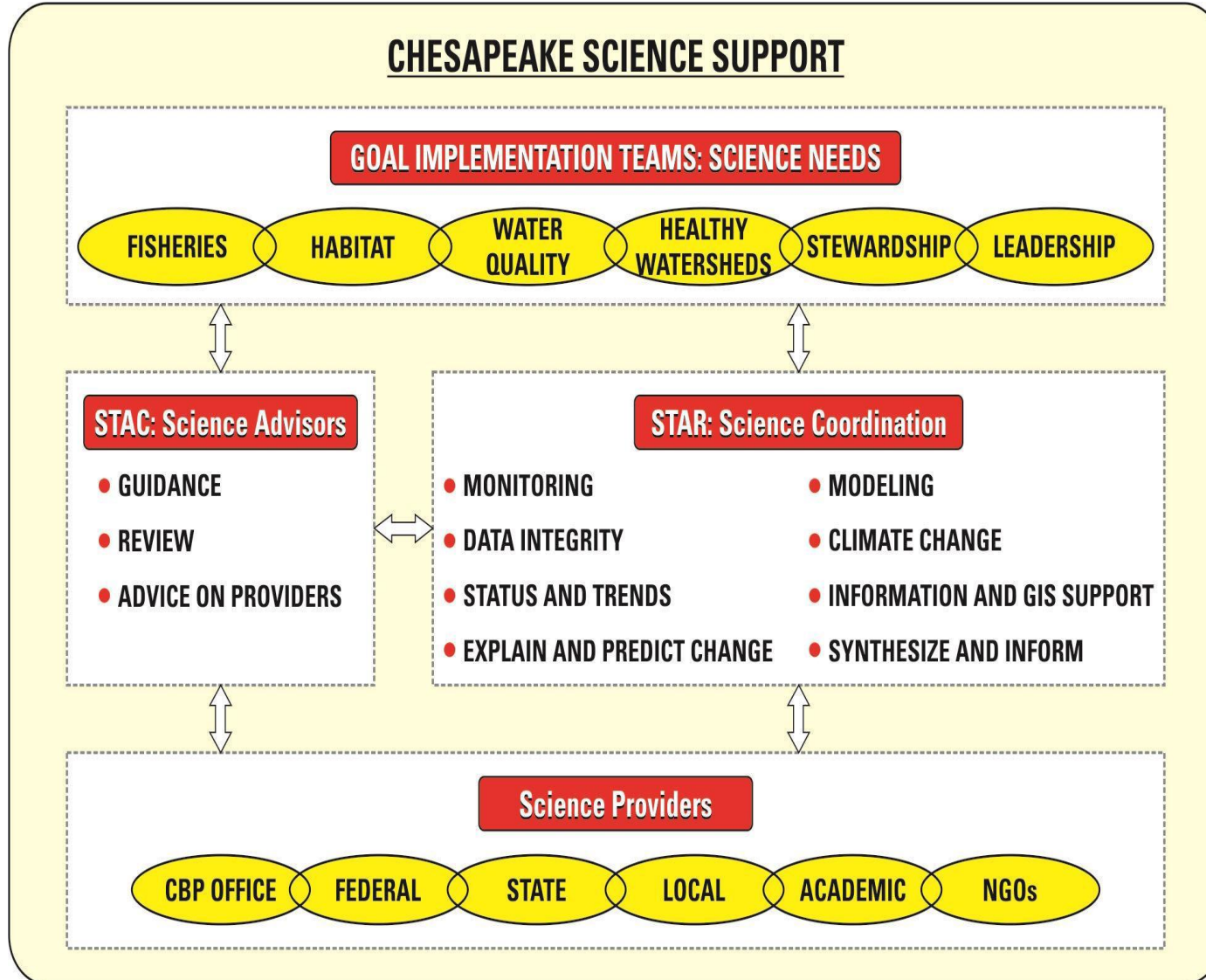


STAR Coordination
Executing Priority Partnership
Requests:
From monitoring to adaptive
management

Breck Sullivan

STAR Meeting 6/25/26

STAR Functional Attributes



Coordination:

The STAR team **absorbs and executes high-priority partnership requests** to ensure that critical **needs never go unmet**, directly expanding the partnership's technical capacity and collaborative efforts.

- Monitoring Reports
 - Request of PSC
- Beyond 2025 Report (Science Section)
 - Request of Partnership
- Adaptive Management
 - Request from EC
 - Request for Adaptive Management Biannual Review
 - Informed Beyond 2025

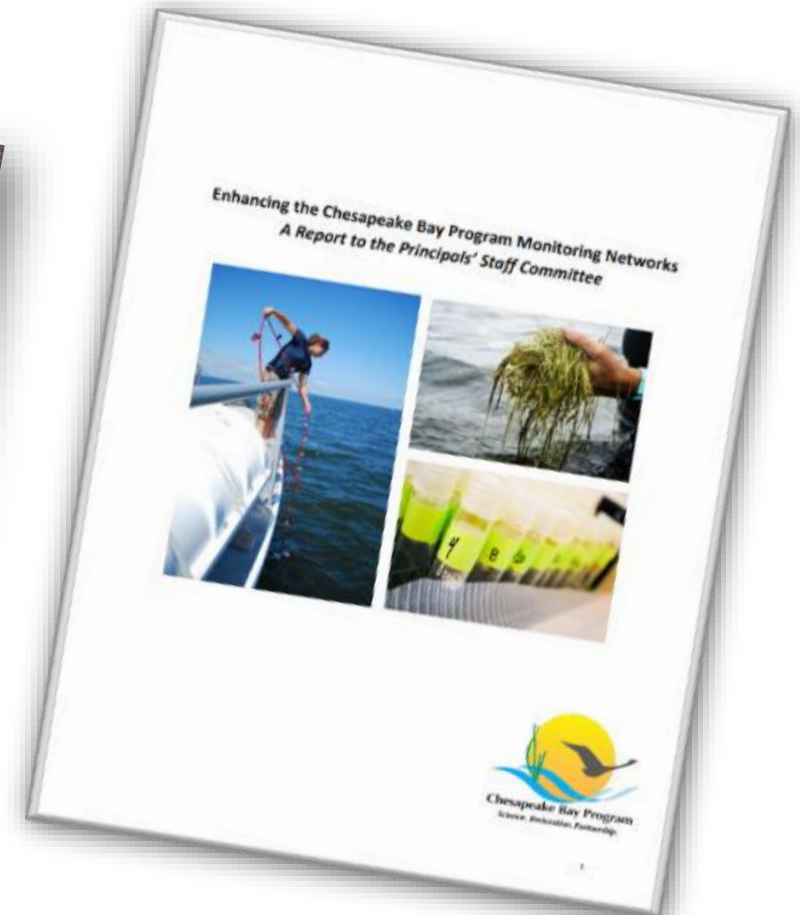


Monitoring Reports:

In 2009, Management Board requested recommendations on re-aligning monitoring efforts to meet reduction in funding.

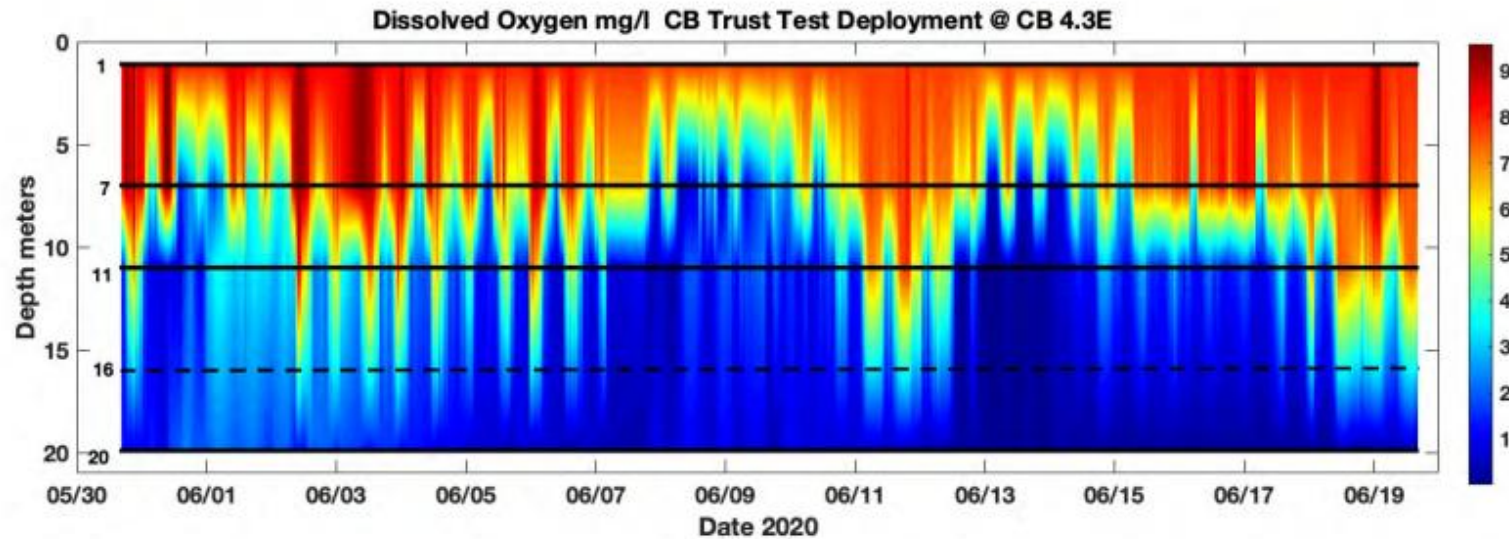
In 2013, Partnership needed to adjust to a \$1 Million shortfall in monitoring budget. It prompted a deep dive into the program, webinar series on how other countries manage, and STAC workshops.

In March 2021, the Principals' Staff Committee (PSC) requested a study and recommendations on how to improve Chesapeake Bay Program (CBP) monitoring networks.



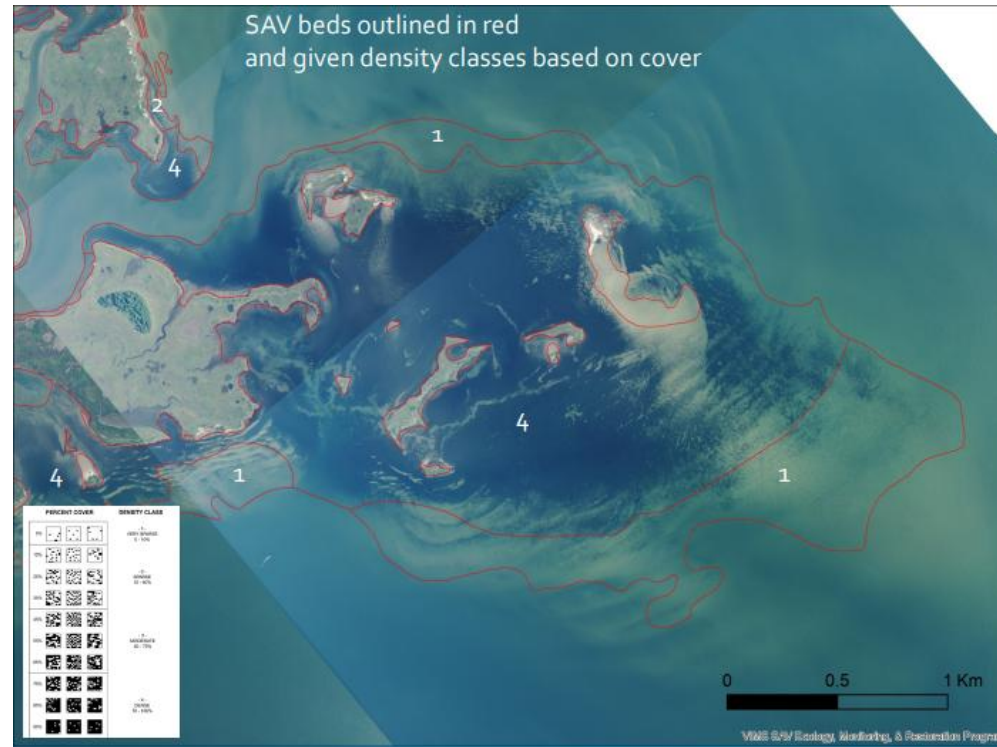
Monitoring Reports:

Vertical array continuous water quality monitoring sensors



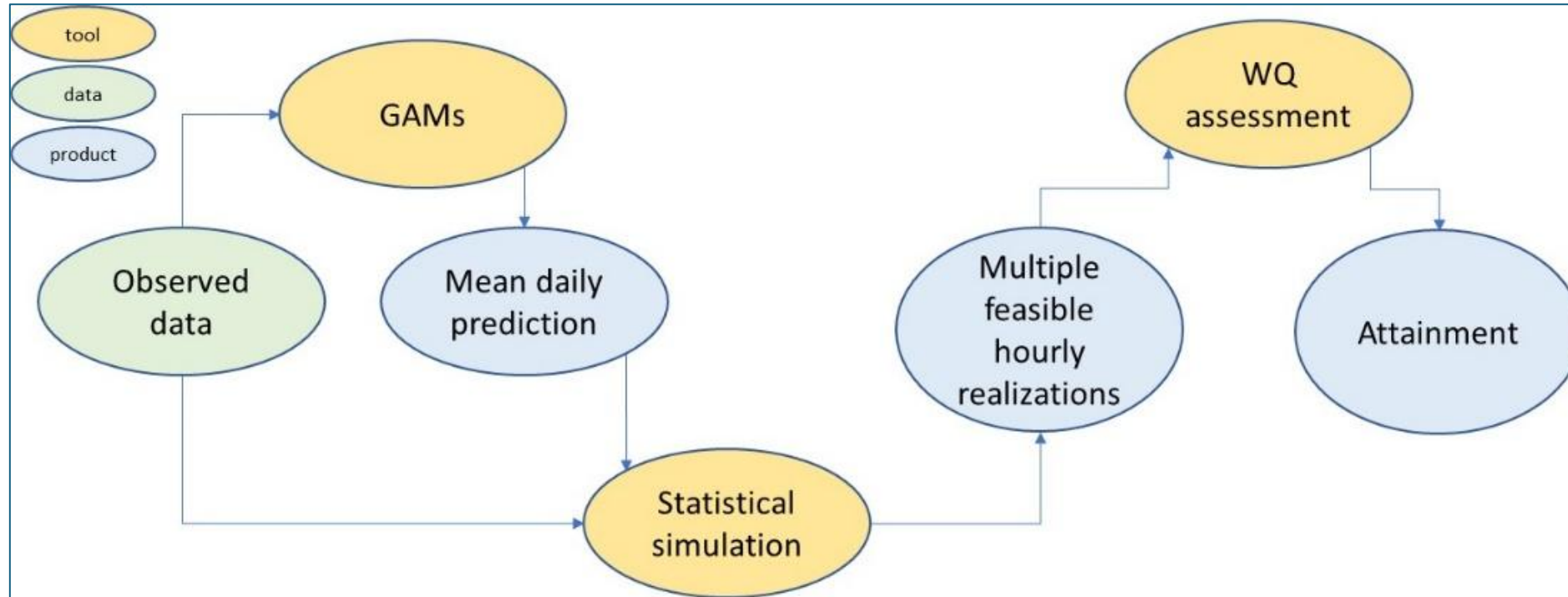
Monitoring Reports:

Investment in high resolution satellite imagery and converting AI produced maps to layers similar to those manually created.



Monitoring Reports:

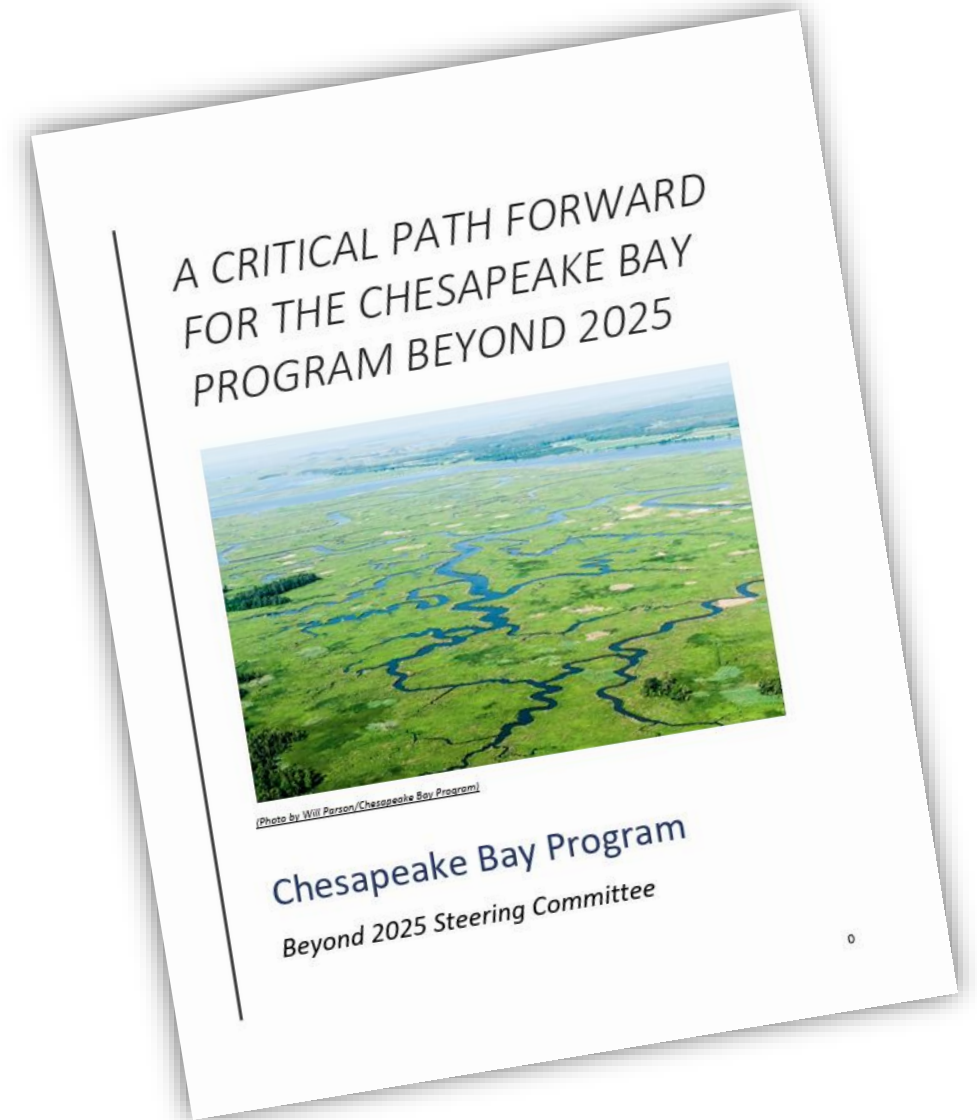
4D interpolator for water quality standards and fish habitat assessment



Beyond 2025 Report:

To accomplish progress while addressing the latest scientific data and emerging challenges, the report provided several recommendations for improving efforts in Science:

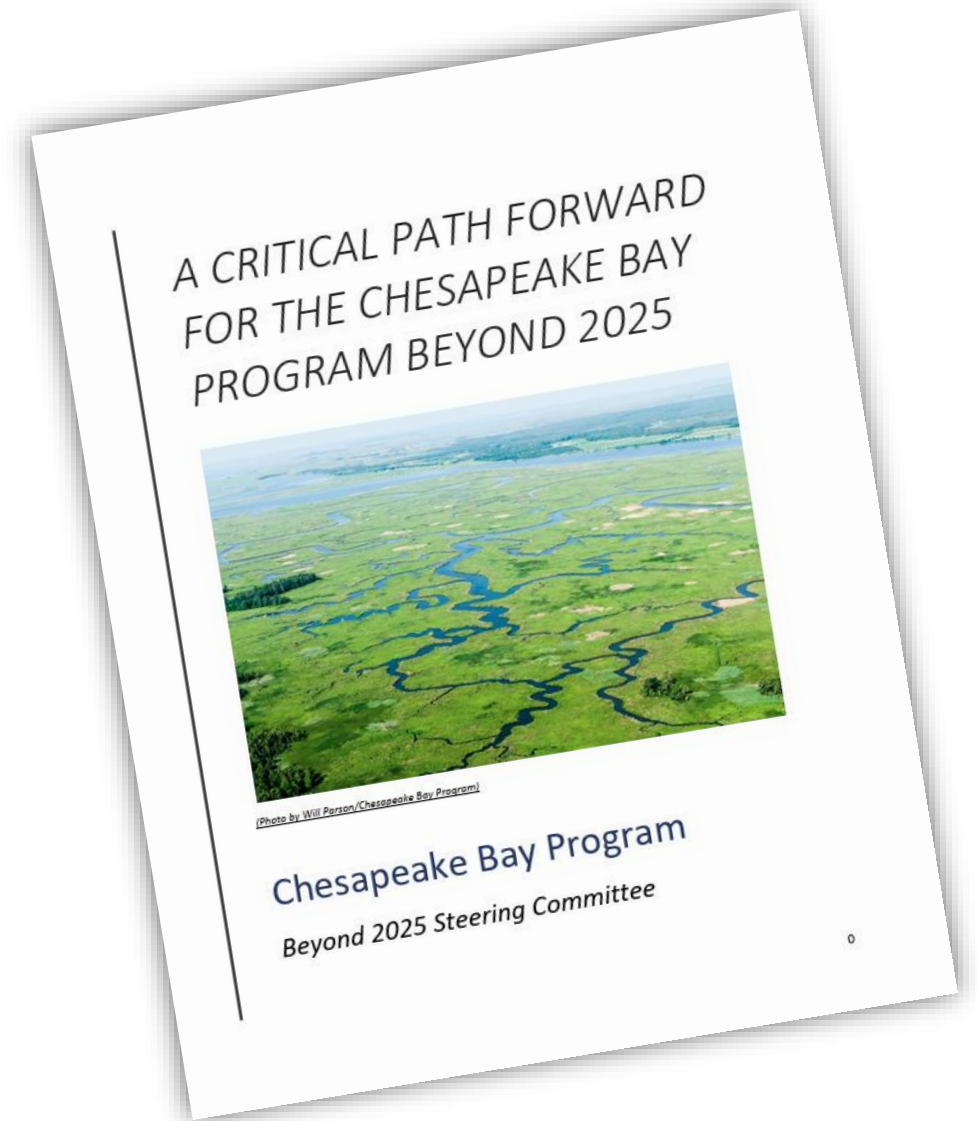
1. The Steering Committee recommends **developing a long-term strategy to maintain the integrity of core monitoring networks** and pursue opportunities for enhancements in monitoring.



Beyond 2025 Report:

To accomplish progress while addressing the latest scientific data and emerging challenges, the report provided several recommendations for improving efforts in Science:

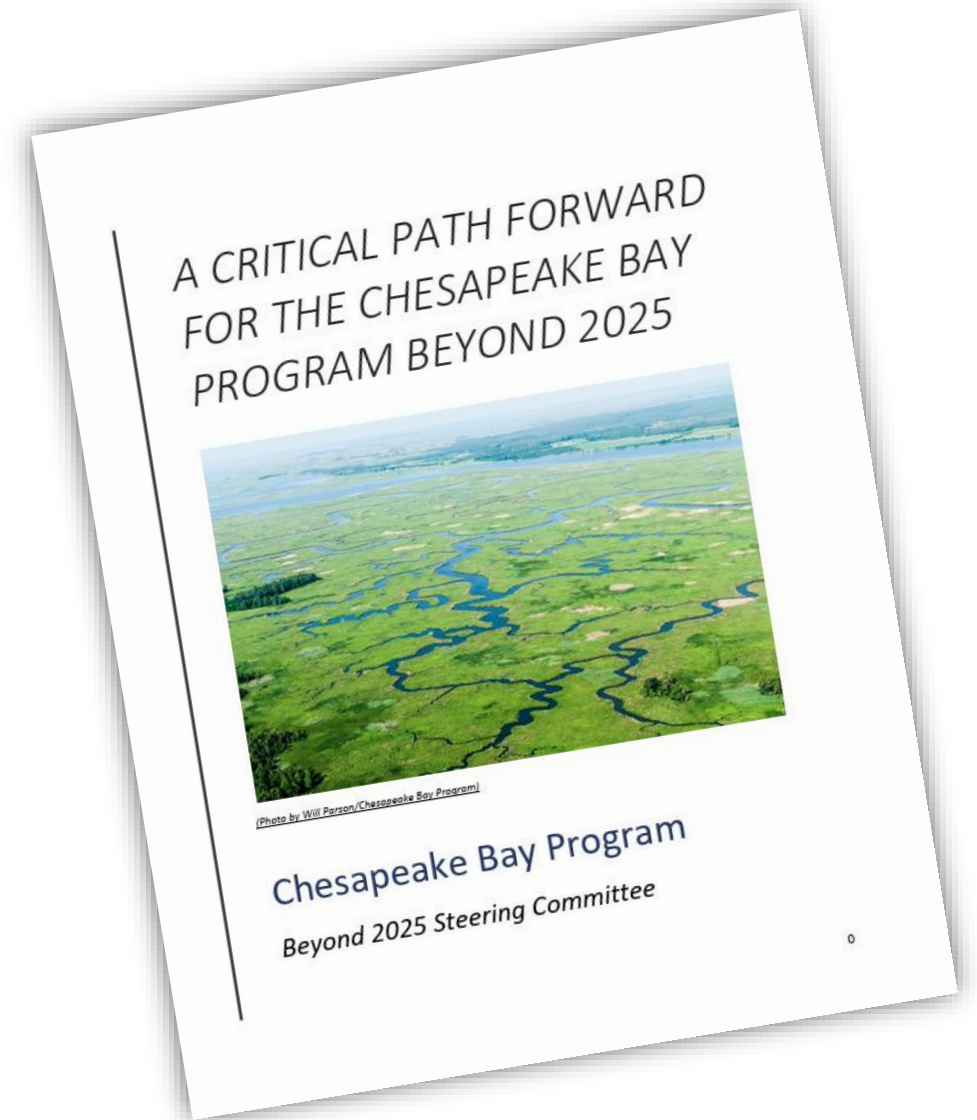
2. The Steering Committee recommends better utilizing our monitoring and assessment capacity, with increased emphasis towards **characterizing watershed health at a local scale as well as for the entire basin.**



Beyond 2025 Report:

To accomplish progress while addressing the latest scientific data and emerging challenges, the report provided several recommendations for improving efforts in Science:

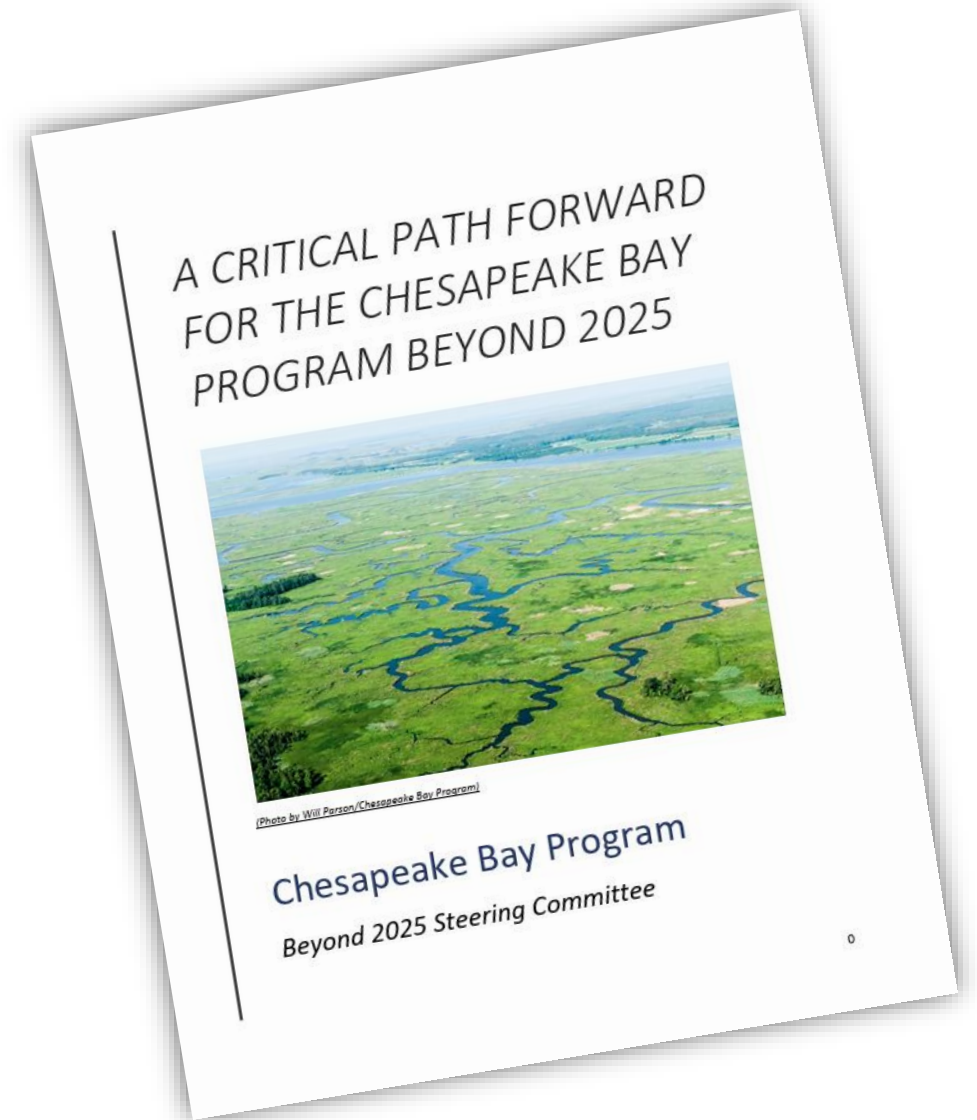
3. The Steering Committee recommends **incorporating multiple lines of evidence** in existing and new tools and models, or linking multiple models, to evaluate progress towards multiple goals.



Beyond 2025 Report:

To accomplish progress while addressing the latest scientific data and emerging challenges, the report provided several recommendations for improving efforts in Science:

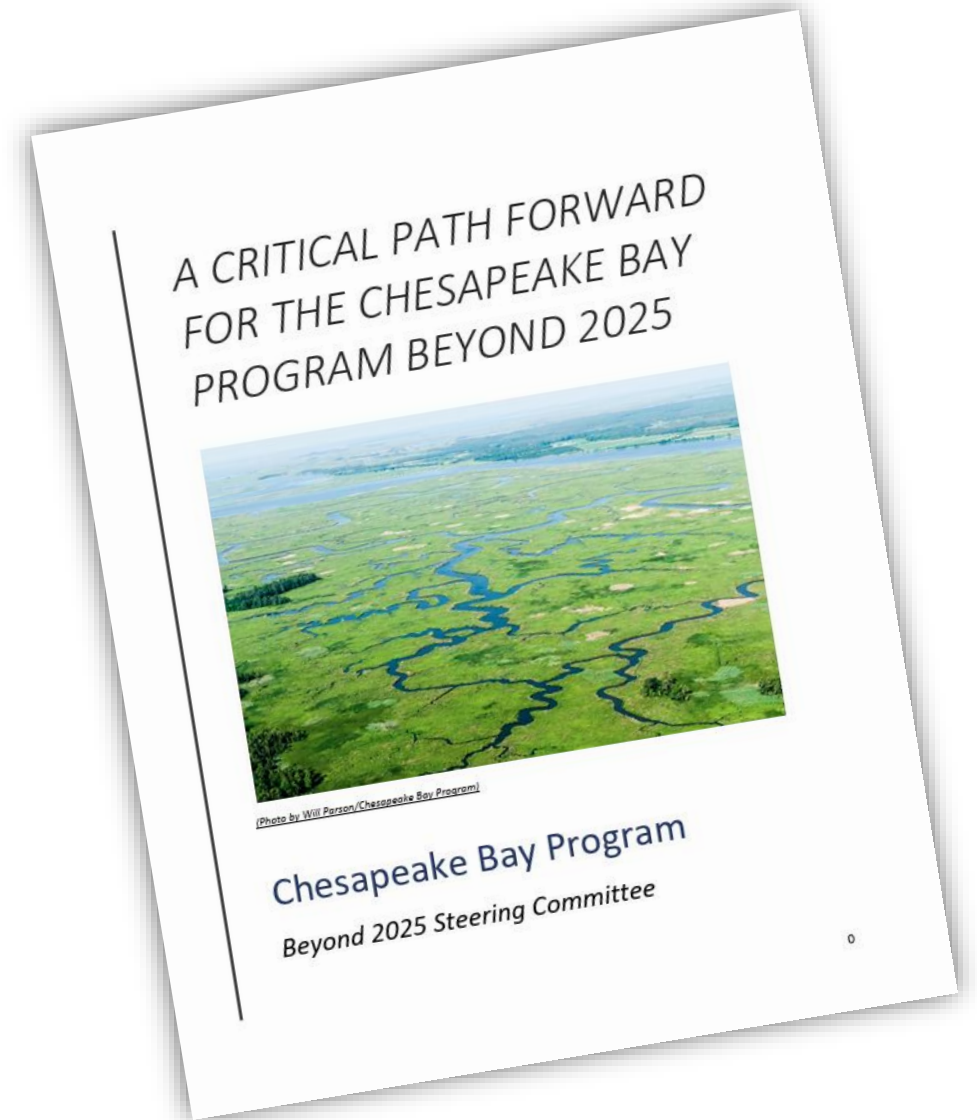
4. The Steering Committee recommends **adaptation to the latest scientific findings as well as improved communication on how these findings are integrated** into decision making, resource allocation and management strategies.



Beyond 2025 Report:

To accomplish progress while addressing the latest scientific data and emerging challenges, the report provided several recommendations for improving efforts in Science:

5. The Steering Committee also recommends a **greater focus on conducting social science research and applying its findings** to ensure restoration and conservation efforts align with the well-being of people.



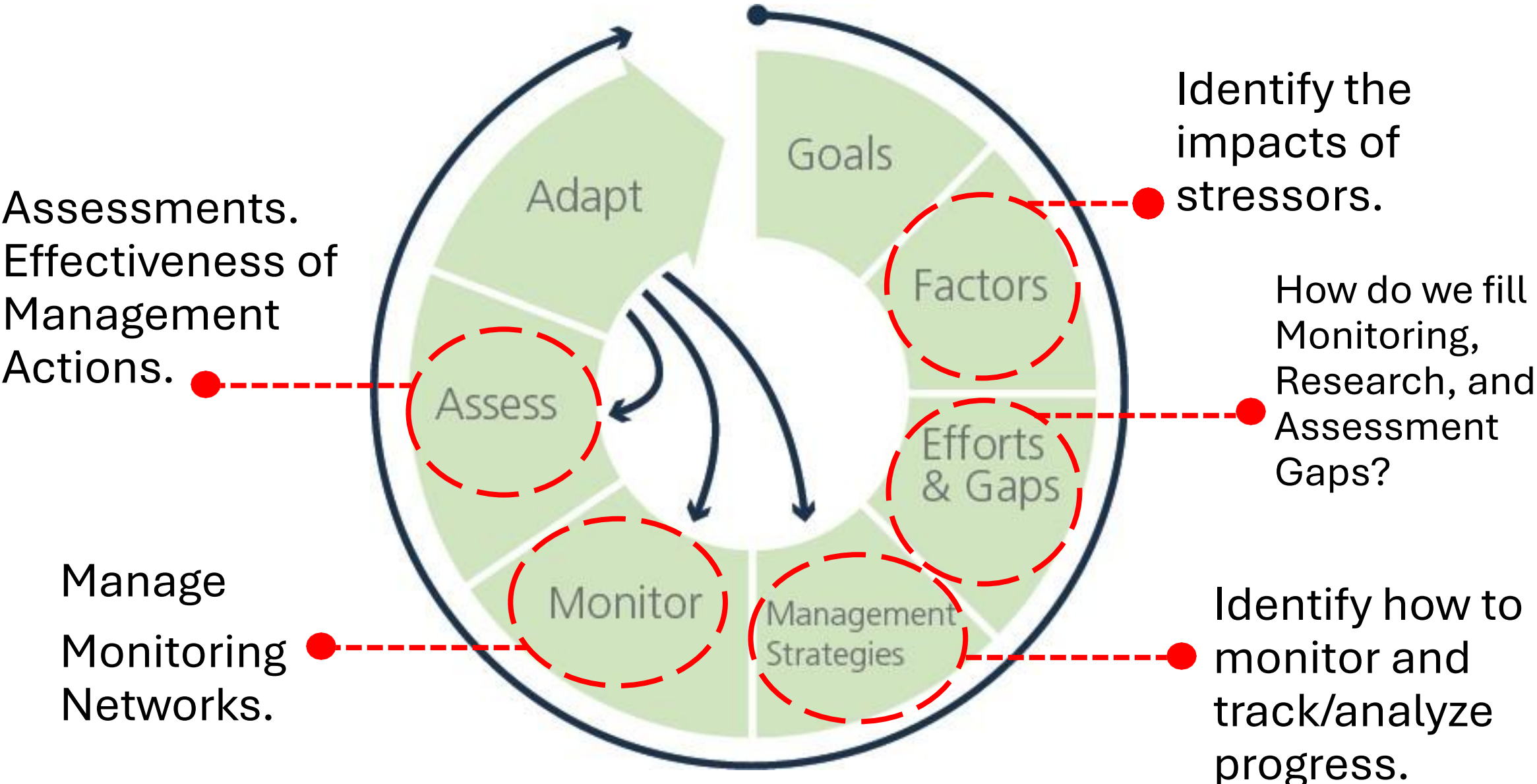
Adaptive Management:

STAR supported STAC, ChesapeakeStat Action Team, and others in the pursuit and development of the Strategy Review System.

- Helped with underlying Decision Framework to advance to the Management Board.
- Answered Management Board's request for identifying and tracking science needs.
- Hosted meetings for GITs to practice and enhance communication of progress prior to Management Board meetings
- Shared science factors affecting multiple outcomes
- SRS Lessons Learned Document for Biannual Review



STAR's role in adaptive management:



What priority requests do you remember?

What priority requests do you see might be
needed in the future?