

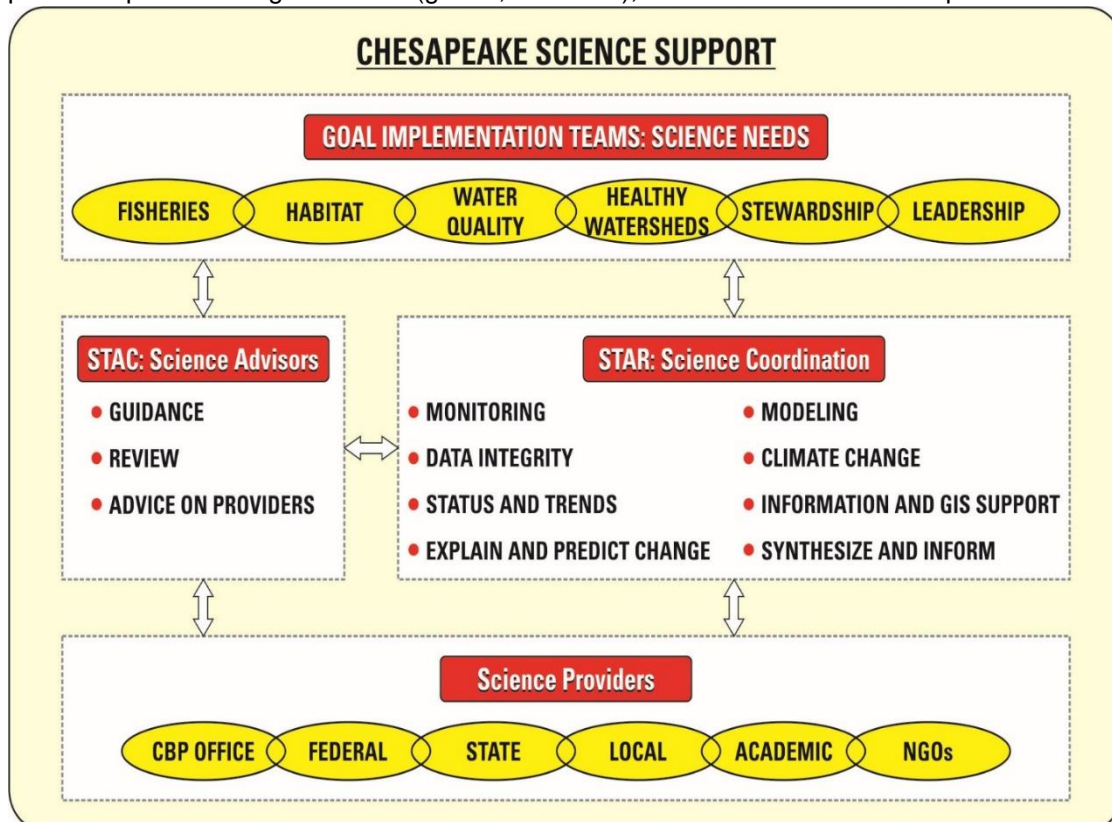
Addressing Management Board Request to Prioritize CBP Science Needs

Updated December 19, 2018

Request from Management Board: Consolidate and analyze sciences needs to recommend prioritization for those requiring resources. The request came up during the August 2018 with the Management Board (MB) wanting to better understand all the science needs, so they can help prioritize resources. The action from the August MB meeting was: *“The SRS small group will compile into a list the SRS data and science needs requests. This list will be shared with STAR and STAC leadership and the CBP associate directors for input. The Management Board will review the 2017-18 SRS requests to prioritize science and data needs. The Management Board will present their prioritization during the 2019 SRS Biennial meeting”*

Proposed approach: Have the Goal Implementation Teams (GITs), STAR, and STAC work together to:

- **Update science needs.** Combine science needs from these efforts: (1) science items identified for each CBP outcome through the decision framework used in the SRS process, (2) GIT input on science needs that have given to STAR, and (3) STAC workshop recommendations.
- **Conduct a resource assessment.** Inventory how needs are being currently addressed by directly by science providers (such as CBP office, agencies or academic institutions) or through grants (such as the GIT funding) and contracts.
- **Prioritize science needs:** identify priority short and long-term needs that require additional resources. Short-term examples are indicators, GIS support, while long-term needs include monitoring and research.
- **Provide recommendations to focus resources.** Findings would be presented to the MB and CBP partnership on evolving resources (grants, contracts); and directions of science providers.



Suggestions on how recommendations can be used by the MB and CBP partnership.

The recommendations for addressing science priorities can be used by the MB but have additional applications in the CBP partnership. Some opportunities to evolve resources to address science priorities include:

Management Board and the agencies they represent: MB can suggest how collective resources of CBP (grants, contracts by EPA) for monitoring and modeling should evolve. Agencies represented on the MB can identify their own resources to address science priorities (since many agencies have technical capabilities).

Goal Implementation Teams and Workgroups: Members can identify how the agencies they represent can evolve efforts to address a science priorities of the GIT team or its workgroups. GIT can use the science priorities to identify topics for Goal Team RFPs.

CBP Office: Evolve EPA grants and contract to address science needs. evolve focus of CBPO modeling, monitoring, and GIS teams.

STAR: Identify annual and longer-term focus of STAR workgroups to support for Goal Teams. Help evolve directions for Citizens Monitoring Cooperative.

STAC: inform collective STAC priorities, selection of responsive workshops. Individual members (or their institutions) can consider evolving science directions or bring forward current findings.

Suggested Science Prioritization Team:

A science prioritization team has been created to carry out the process. The team includes members from STAR, STAC, and the Goal Teams. During each monthly STAR meeting, the team will engage the user community on moving the process forward. The team includes:

STAR: Scott Phillips (STAR Co-chair); Emily Trentacoste (STAR Coordinator in waiting), Cuiyin Wi (STAR staff); Gary Shenk (CBP Modeling team), Peter Tango (CBP monitoring team).

STAC: Bill Ball - ballw@chesapeake.org, Mark Monaco - mark.monaco@noaa.gov, Tom Ihde - Thomas.Ihde@morgan.edu, Carl Hershner - carl@vims.edu, Kirk Havens - kirk@vims.edu, Kurt Stephenson - kurts@vt.edu

Goal Teams: Coordinators for each GIT.

Other CBP: Kristin Saunders (Cross Program Coordinator and SRS representative) and Laurel Abowd (MB Staffer)

Steps and target dates in approach:

- **September:** MB request discussed at STAR and with SRS leaders.
- **October 31 Goal Team chairs meeting:** Chairs provided input on science prioritization.
- **During November:** Compile and combine science needs.
- **Nov 28 STAR Meeting:** discuss status of compiling science needs and approach for science prioritization.
- **Dec 7 STAC meeting:** Science prioritization discussed and STAC identified members to help.
- **Dec 14:** Goal Teams provide updated science needs
- **Dec 20 STAR meeting:** Review updated science needs. Discuss next steps forward.

- **During Jan:** Conduct initial resource assessment. Gather information on existing science efforts to address needs (including CBPO staff resources, EPA contracts, Federal and state partner programs, academic research).
- **Jan 17:** provide update to Management Board on prioritization process.
- **Jan 24: STAR meeting:** update on resource assessment, discuss and finalize prioritization approach.
- **Jan 29 GIT Chairs meeting:** update on resource assessment, present prioritization approach
- **During Feb:** Identify needs with the least amount of resources and conduct prioritization.
- **Feb 28 STAR meeting.** Present and discuss results of prioritization. Begin to prepare initial recommendations to be shared at the SRS meeting.
- **March 13-15 SRS meeting:** Get feedback on initial recommendations from CBP partnership and MB
- **March 28:** STAR meeting: discuss feedback and modify recommendations.
- **April-May MB meetings:** discuss with MB and other parties on opportunities to carry out recommendations and address science needs. This would include evolving CBPO contracts and grants and getting commitments from science providers on their future efforts.