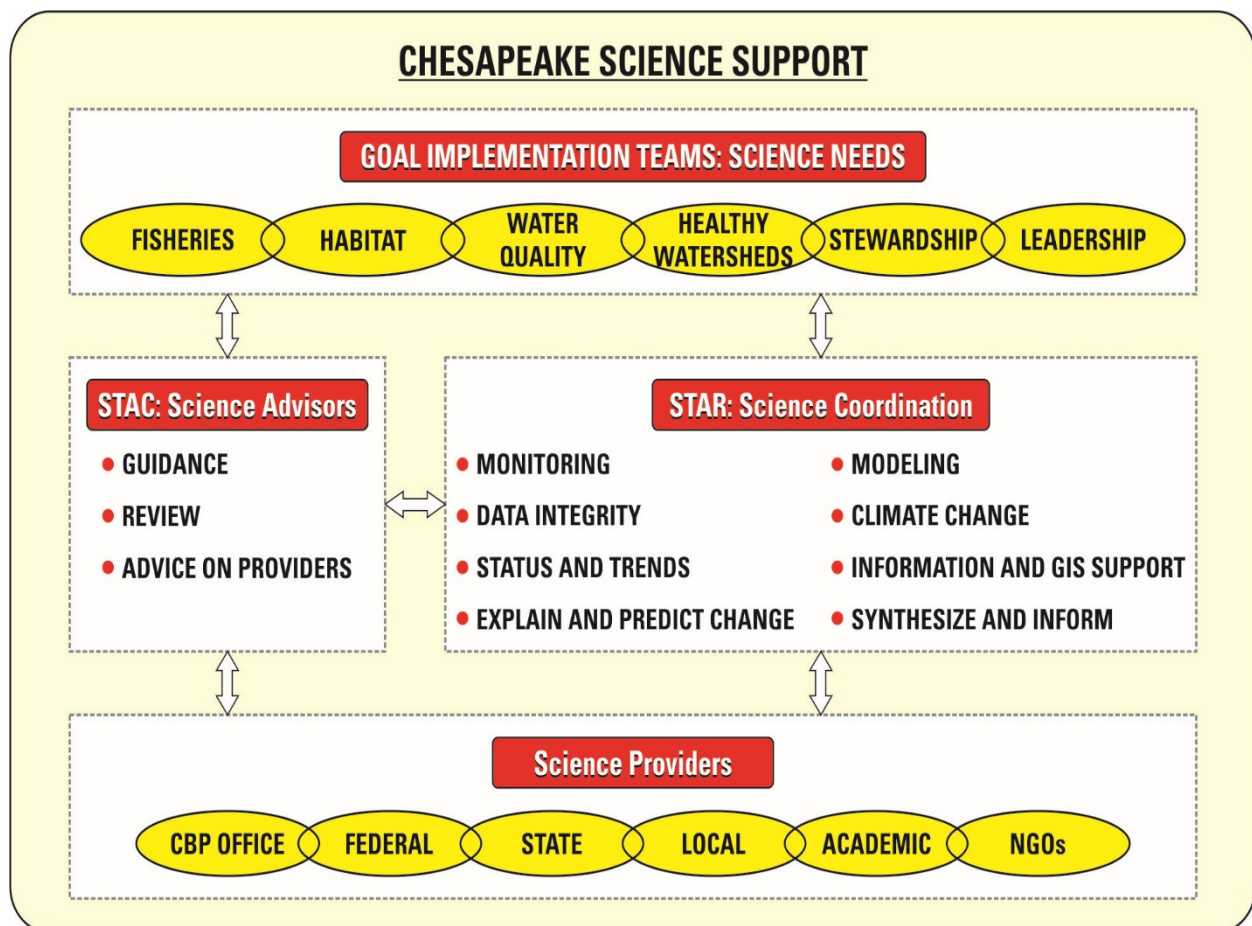


Addressing Management Board Request on Prioritizing Science Needs

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 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 Teams, STAR, and STAC work together to:

- Revise science needs (include what was already gathered through STAR and include SRS science items)
- Conduct a resource assessment of how needs are being currently addressed by different science providers
- Prioritize science needs that require additional resources
- Provide recommendations to the MB and discuss how resources could be used



These ideas were shared with the Goal Team Chairs at their 10/30/2018 Meeting. Notes below (in red)

Question for the GIT chairs today:

- How can the GITs best confirm their needs (and those of their workgroups)?
 - Work through the GIT chairs to provide the consolidated list of needs – they will run them through their GITs and associated workgroups
 - They should provide feedback on:
 - Are these needs correct and still relevant?
 - Are there any additional needs for the next **2 years** that weren't captured?
 - Provide clarification or more detail on description of each need (what does it measure?)
 - Provide why it is needed (e.g. essential? Helpful?)
 - Provide more detail on need itself – e.g. specific data sets, research questions answered, etc.
 - Category into which the need fits – e.g. monitoring, research, synthesis, modeling, etc.
- How do these want to be involved in the prioritization process?
 - Initial consolidation will be sent to through GITs via GIT chairs
 - GITs will be able to provide input on initial resource assessment
 - GITs will be able to provide input on process/criteria for prioritization
- What is the input we want from the MB on the recommendations?
 - We want to give the MB the current needs, what we have resources for, where the gaps in resources are, and our (the Partnership's) recommendations on prioritizing those gaps for resources
 - In March, we want to present prioritization to MB and get their feedback on it
 - At later, smaller meeting, we want them to actually determine how to get resources to those prioritized gaps
- How can we ensure get balanced feedback from the MB?
 - Will use the March Biennial REview meeting, which has much broader attendance, to gather balanced feedback on our initial prioritization recommendations
- How often do we want to repeat a similar process? Every 2 years? Every 5 years?
 - If we can conduct this process in a manageable way, aligning it with the biennial review would be good

Potential steps:

- **By Nov 9:** Consolidate/compare needs and priorities from sources above – Emily in next week or so
- **Nov 9 through Nov 30?:** Request feedback from GITs and associated workgroups – Emily to send list to GIT chairs with requests for information
- **Nov 30 through Jan GIT Chairs meeting:** Conduct initial resource assessment on what it requires to address those needs – Extended CBP staff (e.g. Scott & USGS colleagues, Emily, Peter Tango, Lucinda Power, Carin Bisland, Kristin, Modeling Team, CAST Team, NOAA, etc.)
- Compare resource assessment with existing efforts to address needs (including, CBPO staff resources, EPA contracts, Federal and state programs, academic research) – CBPO staff
- Identify needs with the least amount of resources. – CBPO staff

- **Nov through Jan GIT Chairs meeting:** Work with GITs, STAR and STAC to determine best process and criteria for prioritization – GIT chairs to request feedback from GITs? Present to STAR and STAC for feedback
 - December 7 - STAC
- **Jan & Feb:** Have GITs, STAR and STAC conduct prioritization – Potentially do with GIT chairs, smaller STAR and STAC cohorts all together
- **Feb:** Summarize into recommendations for MB and provide draft to MB – Emily/Scott
- **Mach:** Present recommendations to MB – at March Biennial Review

Additional notes

- Should get on upcoming MB to run this process by them and let them know what we're planning as it relates to their ask
- STAC meeting in December (Dec 7) – need to get on the agenda to get feedback on prioritization process and criteria – smaller group can do actual prioritization after this
- GIT chairs meeting in January – can jump on call before this
- Need to eventually ask MB to support the prioritized needs by committing resources to them – MB and PSC are folks that should be able to help with finding new resources, not necessarily just re-allocating current resources
- Categorization of needs into buckets – e.g. research, analysis, synthesis, monitoring, modeling
- Should we reconsider the MB structure at some point to be more representative?
- Can prioritization of science needs be incorporated into GIT funding?
- On “needs matrix”, each need may have multiple sub-needs and multiple providers, but a full need can't be met until all sub-needs are met – this might be a way to identify small projects, such as for GIT-funding, that can address a remaining gap and complete addressing of need