

Overview of the Strategic Science & Research Framework and Science Needs Database – One-stop-shop for CBP science needs



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STAR Meeting
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10 Watershed Agreement Goals



Sustainable Fisheries



Climate Resiliency



Vital Habitats



Land Conservation



Water Quality



Stewardship



Toxic Contaminants



Public Access



Healthy Watersheds



Environmental Literacy

31 Outcomes:

specific, time-bound, measurable targets
that directly contribute to
achieving the Goals

A vast amount of science is required
to achieve the goals and outcomes.

*The Strategic Science & Research Framework was developed to
increase the amount of science for the CBP*



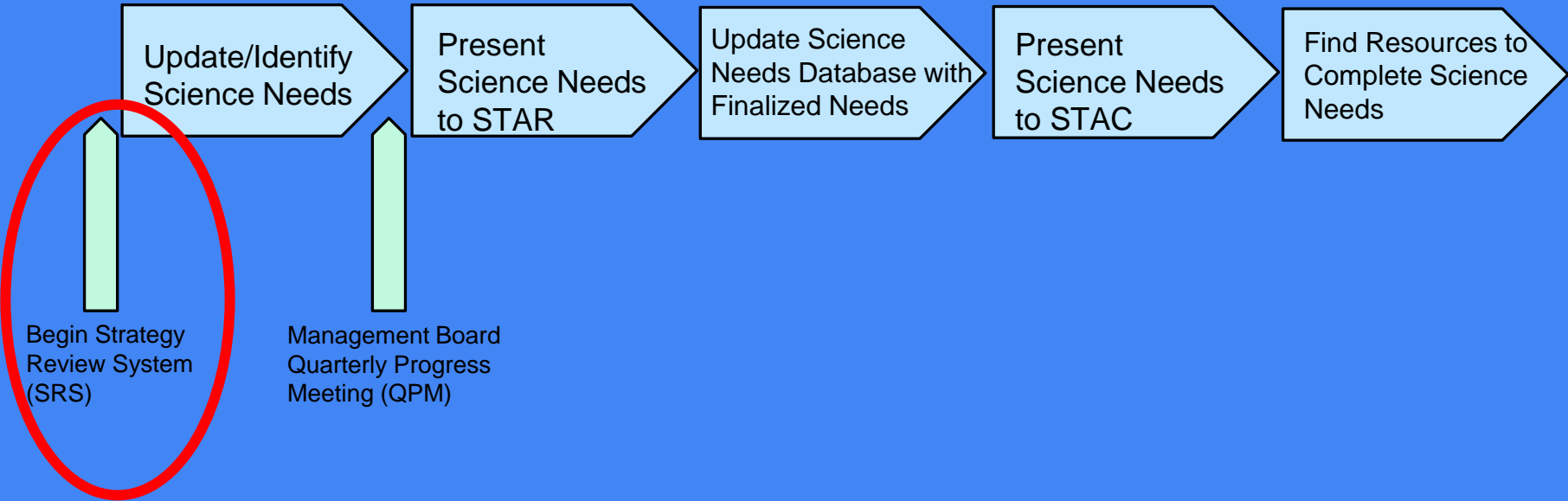
What is the...

Strategic Science
and
Research Framework

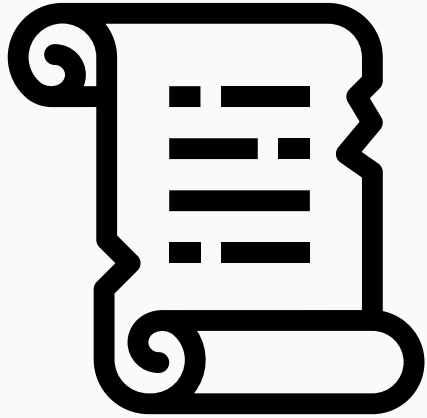
SSRF provides a strategic approach to:

- 1.) Gather, track, and maintain science needs for each outcome
- 2.) Focus existing resources to address the science needs
- 3.) Leverage the research enterprise
- 4.) More effectively provide science to advance CBP's efforts and decision making

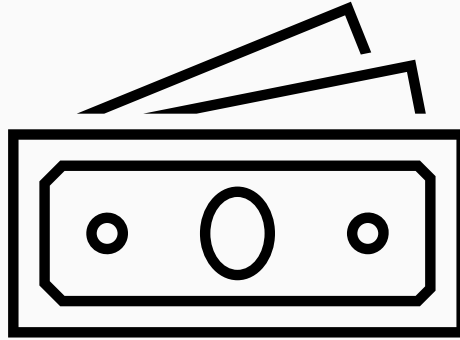
Strategic Science and Research Framework (SSRF)



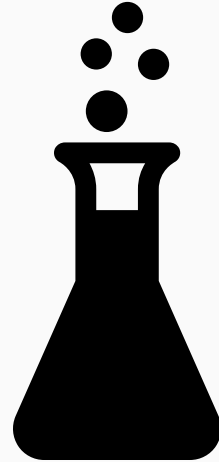
Policy



Finance



Science



Strategic Science and Research Framework (SSRF)

Update/Identify
Science Needs

Present
Science Needs
to STAR

Update Science
Needs Database with
Finalized Needs

Present
Science Needs
to STAC

Find Resources
to Complete
Science Needs

Begin Strategy
Review System
(SRS)

Management Board
Quarterly Progress
Meeting (QPM)

Repeat every 2 years



Chesapeake Bay Program: Science Needs Database



All science needs are available on the database:

<https://star.chesapeakebay.net/>

Used by science providers to **identify projects of interest on which to engage CBP** and help inform decision-making, management, and policy needs

Goal	Primary Outcomes	Categories	Need
Goal Filter	Primary Outcome Filter	Category Filter	Need Filter
Search			
Clear Filters			
Goal	Primary Outcome	Category	Need
All	All	Analysis, Data Gathering	Ecosystem services identification, quantification and valuation
Sustainable Fisheries	Fish Habitat	Analysis	Regional Fish Habitat Assessment: 1. compile habitat and environmental, stressor, biological dataset; 2. analyze biological response data for relevance; 3. pilot fish habitat assessment; 4. conduct watershed regional assessment; 5. ID/develop spatial tools useful to partners
Sustainable Fisheries	Fish Habitat	Monitoring	Maintaining a telemetry network tracking fish movements at mouth of Chesapeake Bay
Sustainable Fisheries	Fish Habitat	Monitoring	Explore cost-effective methods/approaches to phytoplankton and zooplankton monitoring

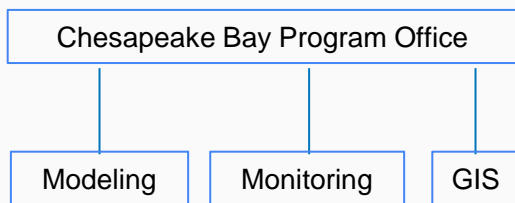


Chesapeake Bay Program
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