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Status and Trends Workgroup Priorities

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Where we fit within the CBP

Scientific, Technical Assessment & Reporting (STAR)

Increase collaboration among science providers to provide monitoring, modeling, and analysis needed to update, explain, and communicate ecosystem condition and change to support the Chesapeake Bay Program Goal Teams.

Status and Trends Workgroup

Update status and trends (indicators) of ecosystem conditions.



Status and Trends Mission

1. Ensure the integrity of the Indicators Framework by focusing the development and use of information in the CBP with the principles described in the Framework.
2. Foster cross-outcome collaboration among the Goal Implementation Teams (GITs) on identified information needed to track progress toward and adaptively manage achievement of goals and outcomes.
3. Staff the indicators management process.

Scope of Work

- Ensure Chesapeake Bay Program suite of indicators link directly to Agreement outcomes using the Indicators Framework.
- Work with GITs to change or redefine previously approved indicators to adhere to the Framework.
- Use the Indicators Framework to guide development of indicators. Develop clearly defined criteria to assist the GITs in developing and refining indicators and understanding the relationship between the information types in the Framework.

Scope of Work

- Use Indicators Framework to
 - highlight commonalities among proposed indicators or identified needs across outcomes
 - illustrate the different roles the same indicator can play in multiple outcomes or GITs
- Offer guidance to GIT coordinators and staffers seeking to develop new indicators, as available and appropriate.

Scope of Work



- Ensure appropriate management of indicators not connected to Agreement outcomes.
- Manage the process of sunseting old indicators.

Photo by Will Parson, CBP

Membership: Core Members

- ChesapeakeStat representative
- Communications Director
- Cross-GIT Coordinator
- GIS Lead
- Indicators Coordinator
- Monitoring representative
- STAR Analyst
- STAR Coordinator
- Web Team representative

Interested Parties

- GIT coordinators and staffers
- Communications workgroup leadership
- Indicator data providers
- STAR leadership
- State monitoring program representatives
- Representatives from the Susquehanna River Basin Commission (SRBC)
- Representatives from Interstate Commission on the Potomac River Basin (ICPRB)
- Bay Program managers

Workgroup Partners

- Communications Workgroup
- STAC
- STAR



Photo: "A tiger swallowtail butterfly visits swamp milkweed growing at Goodyear Lake in Milford, NY" By Rebecca Chillrud, CBP

Suggested Workgroup Priority Items for 2021

Ongoing STWG Priority Items

Continue to ensure all indicators are updated to Chesapeake Progress and continue to be relevant to the outcomes they inform

Continue working with Communications Team and other relevant teams (e.g. Local Engagement Team) to communicate indicator results/progress

Suggested Workgroup Priority Items for 2021

Actionable Items for STWG:	Category
<ul style="list-style-type: none"> • Update all outcomes which have an existing indicator to Chesapeake Progress and have not been updated since their data last became available for reporting 	Updating indicators to Chesapeake Progress
<ul style="list-style-type: none"> • Small workgroup for outcomes with no indicator to identify shared needs for indicator development and how these might be met (Currently tackling this item: Sean Corson in small group for MB) • Platform for inter-workgroup/GIT discussion in order to identify where outcomes can utilize any current funding/indicator measurements to aid in developing a quantifying indicator • Clarifying the process of how to create an indicator 	Indicator Development: streamlining process through information sharing
<ul style="list-style-type: none"> • Begin work on Factor Influencing Indicators, including changes made to Chesapeake Progress to visually represent these indicators 	Factor Influencing Indicators
<ul style="list-style-type: none"> • Workshop/workgroup to identify the most critical factors for each management strategy and how it affects the current and future suite of indicator(s) 	Involvement in SRS process as liasons

Suggested Workgroup Priority Items for 2021

Ongoing Items for other STAR Workgroups

- Identify the utility behind indicators being selected in connection with informing decision-making (this includes performance, influencing factor, and output indicators, which may all have different questions to ask in order to determine their utility)
 - (e.g. Hg in fish for trending PCBs – Toxic Contaminants)

CHESAPEAKE SCIENCE SUPPORT

GOAL IMPLEMENTATION TEAMS: SCIENCE NEEDS

FISHERIES

HABITAT

WATER
QUALITY

HEALTHY
WATERSHEDS

STEWARDSHIP

LEADERSHIP

STAC: Science Advisors

- GUIDANCE
- REVIEW
- ADVICE ON PROVIDERS

STAR: Science Coordination

- MONITORING
- DATA INTEGRITY
- STATUS AND TRENDS
- EXPLAIN AND PREDICT CHANGE
- MODELING
- CLIMATE CHANGE
- INFORMATION AND GIS SUPPORT
- SYNTHESIZE AND INFORM

Science Providers

CBP OFFICE

FEDERAL

STATE

LOCAL

ACADEMIC

NGOs

Suggested Workgroup Priority Items for 2021

Actionable Items for other STAR Workgroups	Categories
<ul style="list-style-type: none">• Help indicators in refinement to identify science needs in order to place them back in good standing	Indicators in refinement
<ul style="list-style-type: none">• Ensure indicators have consistent monitoring support: establish process that ensures all current and future indicators have a long-term monitoring plan that includes consideration of continued funding• Help indicators under development to finalize and bring into update cycle (e.g. stream health and forage fish)• Research to what extent the local government and science needs frameworks play a role in indicator development• Potential needs for additional staff to help manage development of new indicators for outcomes/workgroups such as Climate Resiliency who have a myriad of indicators to address their outcome(s), lest they need to remove indicators in order to have the ability to keep all up to date	Developing good indicators

THANK YOU!

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