

SPURR Recommendations

Programmatic Workshops

- Objective: Integrate relevant science into the CBP
- Recommendations: How, when, where to integrate

Purpose of Programmatic Workshops:

Gathering

Findings

Identify gaps to be filled

Compare to GIT science needs

Recommendations

How, where, when to integrate

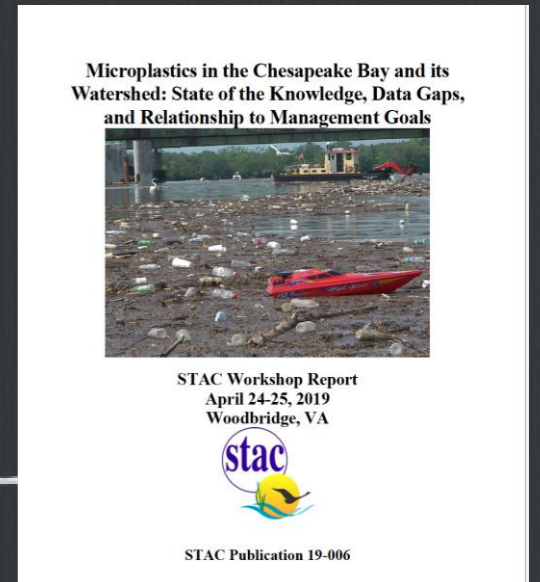
Check against CRC database

Workshop Recommendations: SPURR

- S - Specific and granular
- P - Programmatic partner
- U - Urgency
- R - Risk (of not taking action)
- R - Resources and timing

Example:

Microplastics Recommendations



- **Recommendation #1: Establish a Plastic Pollution Action at Team at the CBP;** The CBP should create a cross-GIT Plastic Pollution Action Team to address the growing threat of plastic pollution to the bay and watershed. **S; P**
- **Recommendation #2: Researching Effects on Living Resources;** STAR should immediately incorporate development of ERAs of microplastics into the CBP strategic science and research framework, and the Plastic Pollution Action Team should oversee the development of the ERAs focused on assessment of microplastic pollution on multiple living resource endpoints. **S; P; U**
- **Recommendation #3: Complete a Technical Review of Terminology;** STAC should undertake a technical review of terminology used in microplastic research, specifically size classification and concentration units, and recommend uniform terminology for the CBP partners. **S; P**
- **Recommendation #4: Address Sources;** ERAs.. should not preclude the Plastic Pollution Action Team from leading an effort to develop a source reduction strategy for the bay and watershed. **U; R**
- **Recommendation #5: Monitoring;** We recommend that the Plastic Pollution Action Team and STAR team, and/or other technical experts, collaborate on the development of a monitoring design to identify and answer the distribution of microplastics. **S; P; R**

Example: Multiple Model Report: SPURR

Recommendations

- S - Specific and granular
 - **Recommendation** - The CBP should implement a multiple modeling strategy for each major decision-making model of the Bay (airshed, land use, watershed, and estuary)
- P - Programmatic partner
 - **CBPO Modeling team was on steering committee and attended workshop**
- U – Urgency and Risk
 - **Findings** – Multiple models are more accurate and a legal asset
- R - Resources and timing
 - **Findings** - Multiple Models already exist
 - **Many ways to accomplish multiple modeling**

Results

- Modeling results
 - Airshed model was already a good example
 - Watershed model completely redesigned to accommodate existing multiple models and lines of evidence in most sub-models
 - Estuarine model compared with other estuarine models
- Programmatic results
 - Models were more accurate
 - Scientific and management confidence in models increased

Example: AEIOU Recommendations

- Analyze the potential magnitude of effect of speciation on environmental outcomes with conceptual models and existing science
- Consider trade-offs associated with controlling organic and inorganic species and jointly meeting the Bay TMDL and upstream water quality and habitat goals.
- Identify and quantify the spiraling and retention properties associated with N/P speciation that are important relative to each endpoint.
 - Synthesize research, including identifying gaps.
 - Convene a group to list stream characteristics that would be useful in understanding and mapping in-stream capacity for N/P transformation/speciation.
 - Convene a group which would identify the data collection necessary to characterize in-stream processes.

Purpose of SPURR

- Science needs would be appropriately matched to tools (technical reviews, workshops, STAC mini-reviews*)
- Potential programmatic partners are identified as part of workshop planning
- Workshop report is presented to 1-5 GITS or other programmatic partners
- Presentation to Management Board is last step
- CBP response to workshop recommendations documents presentation to, and response from, Management Board

Year 1

Year 2

Year 3

Year 4

Response
planning

Report

Proposal

Workshop

Presentation
and actions

Proposed Method

