Feedback for the Tributary Summaries

ITAT Meeting 1/26/22
Breck Sullivan, ITAT Coordinator

Chesapeake Bay Program Teams

✗ Modeling Ad Hoc Team
✗ Modeling Workgroup
✗ SAIB Branch Chief
✗ Communication Team (Tributary Summaries and Tidal WQ Change Summary)

Based on their suggestions, what next steps should ITAT prioritize?

1.
Modeling Ad Hoc Team

Expansion of which sections will benefit the Modeling Team?

SAV
- ✗ Include SAV factsheets
- ✗ Consider working with VIMS SAV team to proviede SAV density graphs

Atmospheric Deposition
- ✗ Already include necessary information

Climate Change
- ✗ Include historical trends of rainfall duration and intensity
- ✗ Move Water Temperature Tidal Trends from Appendix to report

2.
Modeling Workgroup

January Modeling Quarterly Meeting

How best to use the data in the Summaries to validate the Watershed and Estuarine models?

This question was raised to the estuarine modelers in addtion to what infromation do they need to validate the models.

- ✗ Gary proposed running GAMs on the model output to compare the results with actual data
- ✗ What is the most effective way to share the summary information?
- ✗ Questions to consider will be discussed at Ad Hoc Meetings and MTM meetings prior to April Quaterly meeting.
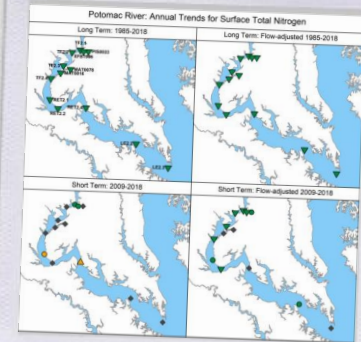

Phase 6 Watershed Model/CAST

Estuary Model

3.
SAIB Branch Chief

How to build the Summaries as a tool for decision-making?

Potomac River: Annual Trends for Surface Total Nitrogen

Updating w/ 2020 Tidal data
✗ The best up-to-date data will support those making decisions
✗ We have the data available
✗ Helps ITAT Coordinators develop next steps for operationalizng updates

Outreach to Local decision-makers
✗ Need to get in the hands of local decision-makers and local planners
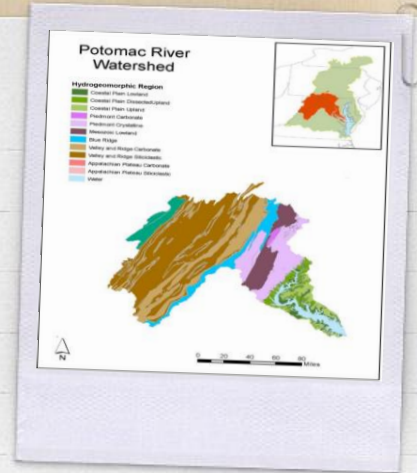✗ Meet with CBP Communications Team

4. Communication Team

Proposed Communication Strategies

Strategies for Tributary Summaries

Potomac River Watershed

✗ Articles for CBP blog
  - ✗ Tributary Tuesday- featuring highlights from them
  - ✗ Two pilot approaches – one for the Lower Eastern Shore & one for the Potomac which includes "insight on change" and story map

✗ Infographics to share on social media

Strategies for Tidal WQ Change

✗ Articles for CBP blog or press
  ✗ Summary in a blog w/ biggest takeaways
  ✗ Long-term improved, short-term did not — how can we proceed?
  ✗ How does precipitation affect flow

✗ Social media posts
  ✗ One describing each of the five parameters
  ✗ Long-term trend

Next Steps

o What is the feasiblity of incorpating these suggestions?
o What do you see as a priority?
o Are there ways for you to support this work?

ITAT Priorties

✗ Update Summaries with 2020 Tidal Trends data

✗ Complete Rappahannock Tributary Summary

✗ Work with Lew and Gopal for historical precip data
   ✗ Confirmed collaboration but need to work on gathering the data

✗ Introduce "Insights on Change" section
   ✗ James River, York River, Eastern Shore Tributary, Patapsco/Back River

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Feedback to Consider:

- ✗ Work with VIMS SAV team to provide SAV density graphs in Summaries
- ✗ Disuss with Local Leadership Workgroup how to disseminate summaries
- ✗ Discuss with Modeling Team most effective way to use Summary information to apply and validate when applicable
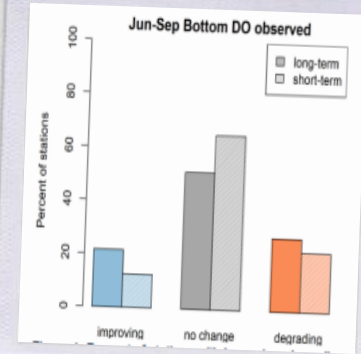 - ✗ Do ITAT members have suggestions?

Feedback to Consider:

(Communication approaches for Tidal WQ Change data)

Jun-Sep Bottom DO observed

✗ Define the goal:
   ✗ Get in the hand of decision makers
   ✗ Get information out to the interested public
   ✗ Promote the work of CBP workgroup
   ✗ Explaining water quality trends
✗ Define the audience:
   ✗ Decision makers
   ✗ Interested public
   ✗ Bay stakeholder groups (nonprofits, state agences)
✗ Define the use of the report for the audience:
   ✗ Shift resources/decisions
   ✗ Expand their own data to understand changes

Thank You!

Any questions?

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