

Timeline and Project Ideas

FY20 GIT Funding

# 2020 Timeline

June 15	• Table 1 Ideas Due
Late July	• Present and Rank Proposals
Early August	• Final project list approved
Early September	• Draft Table 2 Scopes Due
Late September	• Final Table 2 Scopes Due
October	• RFP open for 30 days
November	• Bids Due and RFP is Closed

# Feedback Guidance

- Use the chat box to provide comments

# Feedback Guidance

- Should we adopt this project?
- Does it further Healthy Watershed Goals?
- Any Input, comments or recommendations!

# Forestry Workgroup

- **Maintaining riparian forests during stream corridor restoration**
  - Stream restoration is an essential tool for improving environmental quality and meeting Phase III WIP goals across the watershed. Guidance does exist for mitigating environmental impact caused by the act of restoration, but it is often used inconsistently. This cross-GIT project, between the Stream Health Workgroup and the Forestry Workgroup would work to address these inconsistencies in two major ways. First, the project will assess how forests are being accounted for at multiple phases of stream restoration -- including planning, permitting, implementation, and post restoration. Second, the project will work to quantify the impact of stream restoration on riparian forest cover.

[Logic and Action Plan](#)

# Stream Health Workgroup

- Factors affecting stream health and implications for management decisions
  - The Stream Health Workgroup has been working with USGS to to conduct a literature review and survey of Bay jurisdictions to determine what stressors and drivers are most affecting stream health and responsible for causing impairment of streams consistent with state-defined 303(d) listings, as described in their workplan action 4.1. The Stream Health Workgroup is hoping to request additional funding to continue their work with USGS and move towards workplan action 4.2, determining which stressors, as identified by work with USGS, can be changed through management activities. Gaining this knowledge will be crucial when working to meet sediment and nutrient TMDLs and for planning future stream restorations.

Logic and Action Plan:

# Protected Lands

- Chesapeake Watershed GIS Summit
  - Convene GIS practitioners and managers in state, federal and non-governmental partners in a summit to share information, profile active work, and identify future mapping and analysis needs and areas for collaboration.
- Eased Lands Stewardship Challenges Report
  - Overview of issues, best practices, and recommendations for addressing growing gap between the operational capacity of land management organizations and required stewardship responsibilities --a condition now exacerbated by Covid-19.
- Update Important Habitat Dataset
  - Use the CBP high-resolution land cover dataset to update and customize the existing important habitat dataset drawn the Nature's Network Conservation Design for the Northeast, to support protection of a network of large natural areas and corridors.

Logic and Action Plan: 1.3, 2.1, 4.1, 4.3

# Protected Lands

- Precision Conservation Technical Assistance for Land Trusts
  - Support TA for land trusts to build their capacity for using high resolution data to target precision conservation and restoration projects. This builds off the Land Trust Alliance's Land & Water Initiative.
- Protected Lands Conservation Status Assessment
  - Address longstanding concerns for need to understand the varying conservation status of protected lands, which are currently managed for a variety of purposes: (1) evaluate the GAP and IUCN methods for categorizing protected lands; (2) carry out steps to categorized all Chesapeake Bay Watershed Protected Lands Dataset (CBWPLD) lands by one or more of conservation status measures; and (3) produce summary reporting and recommendations.

Logic and Action Plan: 1.3, 2.1, 4.1, 4.3



# Wetlands Workgroup

- Marsh migration and shoreline condition study
  - This project would synthesize and build upon existing information about sea level rise, topography, shoreline condition, wetland area, and migration corridors from VIMS, USGS, and other partners and expand it to include a climate resilience and marsh migration analysis. This information would be used for wetland restoration targeting, or prioritizing where restoration and conservation activities should (and should not) take place given projected sea level rise and marsh accretion/migration capacity. This would likely be a two-step project: 1) the compilation of available data sources in a format for decision-making and 2) a pilot project working with local stakeholders in areas of interest, such as the Middle Peninsula of Virginia, to apply the information to identify wetland restoration strategies using the combined information from step 1. This project would build on prior CBP investments by synthesizing and applying information at the finer scale required for decision-making.

[Logic and Action Plan:](#)

# Climate Resiliency Workgroup – update (no projects this year)

- Development of a climate resilience indicator related to healthy watersheds and temperature and precipitation changes (pursuing funding through other mechanisms)
- Develop a citizen science monitoring plan for stream temperatures

[Logic and Action Plan](#)

# Diversity Workgroup

- Economical and Societal Benefits of Incorporating Diversity, Equity, Inclusion, Justice (DEIJ) Considerations in Chesapeake Bay Restoration and Conservation Activities
  - Develop a better understanding of the economical and societal benefits of incorporating DEIJ considerations in restoration and conservation activities. For example, exploring how DEIJ efforts in Bay or watershed funded ecological projects/programs can generate or save money based on the social benefits derived from ecosystem services of such projects/programs. Preventative measures could decrease cost of disaster relief in response to flooding events. Increasing tree canopy may reduce the need of cooling centers, hospital visits, and other costs.