

Initial Management Questions

| | Question | Current Data Layers (from table) | New Data Layers for Consideration | Other Mgmt. Question(s) that may be related (by #); Comments |
|----------------------------|---|--|--|--|
| Fisheries Goal Team | | | | |
| 1 | Where do areas at low risk to fish habitat degradation align with healthy watersheds (at HUC 12 scale)? | | | |
| 2 | Which of the six selected tributaries for oyster restoration provide opportunities to link oyster restoration to water quality improvements on land?* (* Six selected tributaries for oyster restoration include: Harris Creek, Little Choptank, Tred Avon, Piankatank, Lafayette, and Lynnhaven) | | | |
| Habitat Goal Team | | | | |
| 3 | Where should we restore/protect brook trout habitat to increase climate resilient, occupied habitat? | | Temperature Change Maps (2050) [climate wkgrp] | |
| 4 | Where should we restore forest buffers in order to increase connectivity for terrestrial/aquatic wildlife? | | | |
| 5 | Where should we restore/protect potential marsh habitat to provide long-term benefit to wintering waterfowl? | Climate change Marsh migration [climate wkgrp] | | |

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| Water-Quality Goal Team | | | | |
| 6 | “Where are restoration or conservation priority areas (CCP data layer), and how do they intersect with best places to focus nutrient and sediment reductions (loading effectiveness maps of Chesapeake Bay Watershed segments)?” | SPARROW Nutrient Loads (to be replaced by loading effectiveness maps) | Loading Effectiveness Data from Watershed Model Land Protection Priorities (Ches. Conservation Partnership) Or some other restoration priority areas layer? RCOA layer? | 2, 4 What conservation priority area layer will be used for this question? [GIT 5] |
| 7 | Where the some of the best places to focus nutrient and sediment reduction that would also provide high benefit for reduction of toxic contaminants (or just PCBs)? | SPARROW Nutrient Loads Waters impaired for PCBs | | 2, 4 |
| Healthy Watersheds Goal Team | | | | |
| 8 | Where are vulnerable healthy watersheds/what healthy watersheds are most vulnerable? (areas where | Climate change layers (SLR, flooding) | | |

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| | development is likely to increase, areas of invasive species, areas vulnerable to climate change and sea level rise) | [climate wkgrp] | | |
| 9 | Where are marginally healthy waters and watersheds? | | | |
| 10 | Where are priority forests? | | | |
| 11 | Where are state and federal land protection priorities | | | |
| | | | | How do you define a marginally healthy watershed if you don't have a definition of either healthy or marginally healthy? (STAR) |
| Stewardship Goal Team | | | | |
| 12 | Env Literacy - Where are potential public access sites in relation to green schools? | Public Access Green Schools | | |
| 13 | Public Access - How close are public access sites to specific diverse communities such as those that speak a certain language or maybe communities of lower income? | Public Access High poverty Ethnic Minority | | |
| 14 | Public Access - Since we are working to make as many sites as practical ADA accessible, would it be possible to determine how close such sites are to disabled populations which may include | Public Access | General demographics? Aging population? [GIT 5] | |

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| | elderly. | | | |
| 15 | Conservation – Where are public access sites in relation to conservation priority areas? | Public Access Priority conservation area | | |
| 16 | Future Question (once stewardship survey has been conducted): Stewardship-How are restoration-based green infrastructure project locations mapped in relation to stewardship action in the Bay Watershed? | | Stewardship Indicator [GIT 5] | |
| CLIMATE | | | | |
| | | | | |
| | | Climate change: SLR, Floodplain [climate wkgrp] | | Public Access – what is the vulnerability of proposed public access sites to sea level rise inundation or coastal/riverine flooding. [climate wkgrp] |
| | | Climate Change: marsh migration [climate wkgrp]] | | Land Conservation – where is there overlap between marsh migration areas and land conservation priorities. [climate wkgrp] |
| | | Climate change: SLR, Floodplain [climate wkgrp] | | Land Conservation – what areas will be vulnerable to future climate change and sea level rise impacts.. [climate wkgrp] |

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| | | | Media markets (comm team) | |
| | | | | What is the influence of climate change on management actions to achieve your outcome? And, what specific aspects of climate change do you need to answer that question? (Tango, STAR) |
| | | | | What spatial and temporal resolution do you need for temperature data? Sea level rise data? Precipitation results? Water flow results? (Tango, STAR) |
| | | | | |
| OTHER QUESTIONS | | | | |
| | | | | Can we define what measurable effect we expect to have on human health? (Tango, STAR) |
| | | | | What are the indirect effects of our actions in the ecosystem? |
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