

Cross-Outcome Mapping and Climate Resiliency

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Climate Resiliency Workgroup
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Approach



- Maximum benefit to living resources
- Restoration and conservation
- Consider future threats
- Current partner efforts
- Joint planning in places with greatest benefit



Initial GIT priorities

- Living Resources:
 - -Fish,
 - -Wildlife
 - -People
- Habitats
- Water Quality
- Healthy Watersheds and Land Protection
- Threats





Process and Next Steps

Process to Date:

- Conservation and Restoration Maps
- Management questions
- Picked <u>Potential</u> Places

Next Steps:

- Input from jurisdictions, federal partners, NGOs
 - Match their priorities
 - Future Threats
 - Capacity: Existing or potential enhancements
 - Use as part of SRS



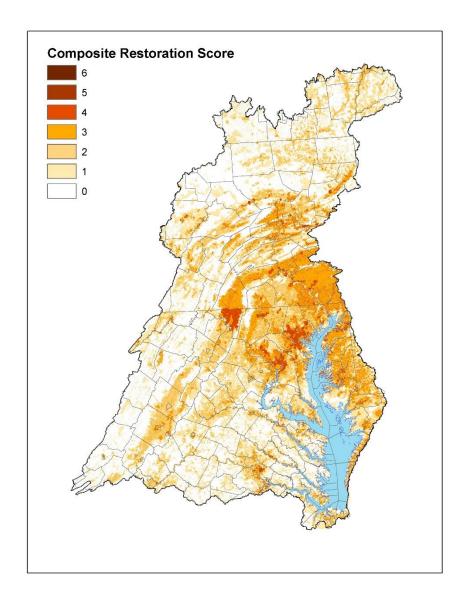
Restoration Areas

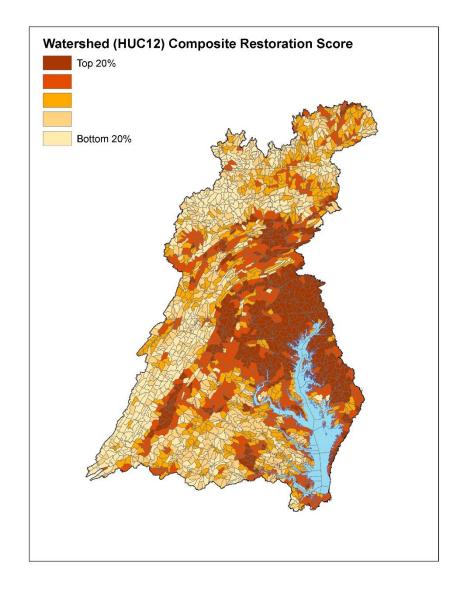
Data Included:

- Designated Use in Chesapeake Bay Non-Attaining Segments
- All Toxic contaminant Impairments
- SPARROW Nutrient Yields Top 25% N Delivered to Bay
- SPARROW Nutrient Yields Top 25% P Delivered to Bay
- Priority Oyster Restoration Areas
- National Fish Habitat Assessment Areas at High Risk of Habitat Degradation
- Index of Ecological Integrity Low Scores



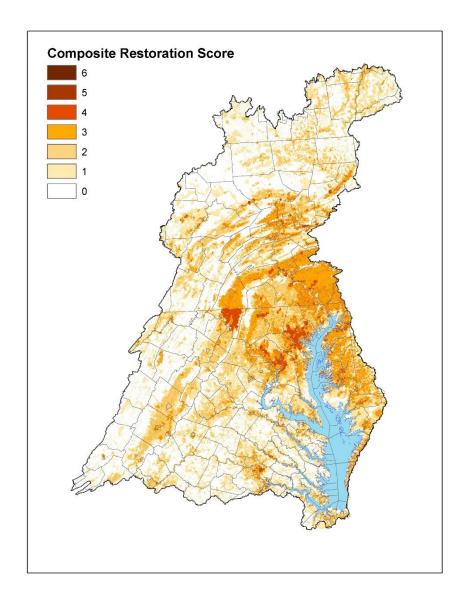
Restoration Areas

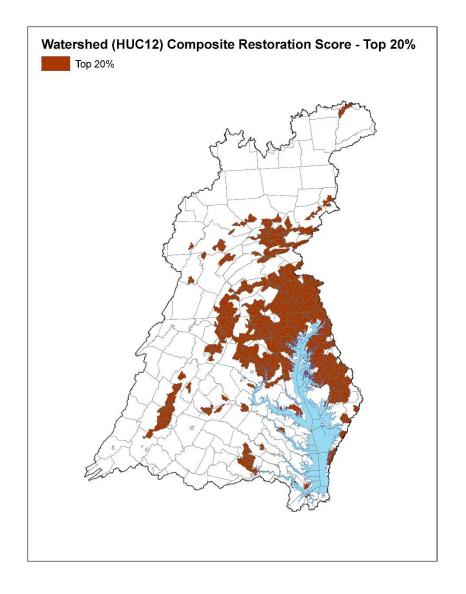




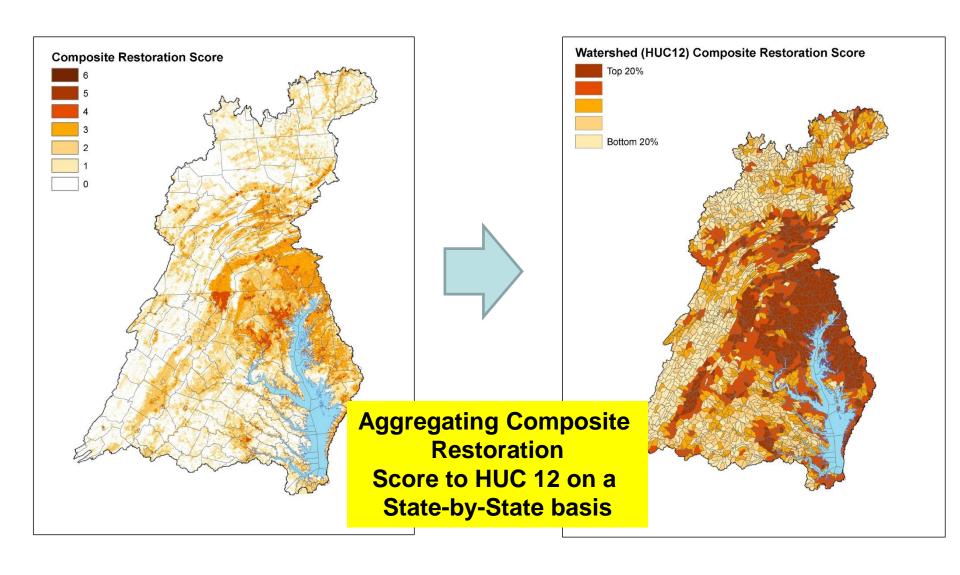


Restoration Areas

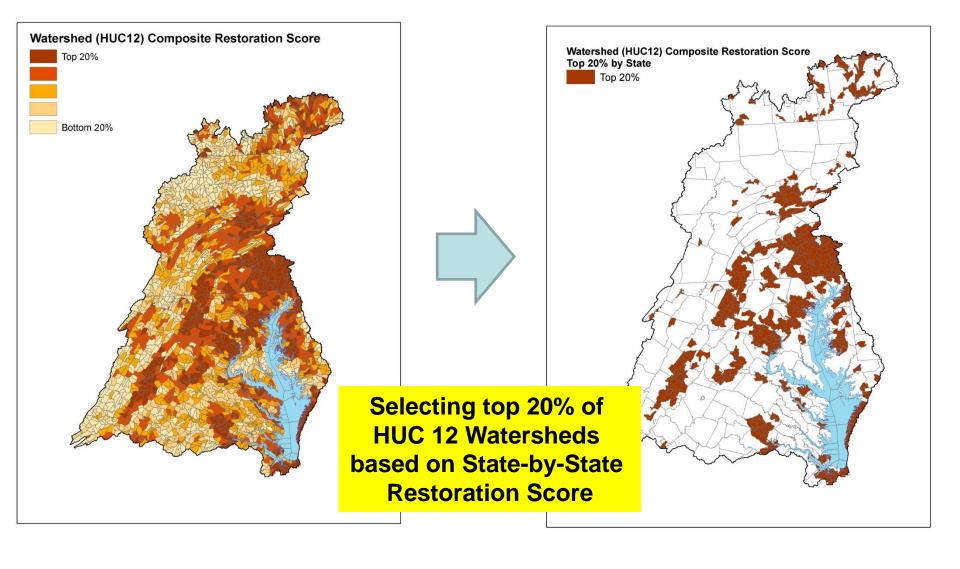








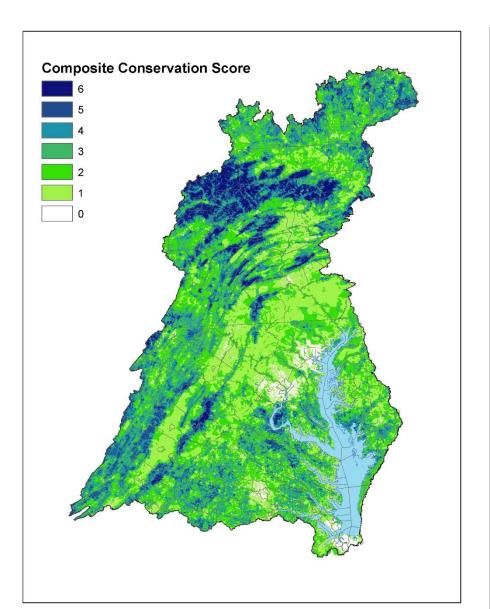


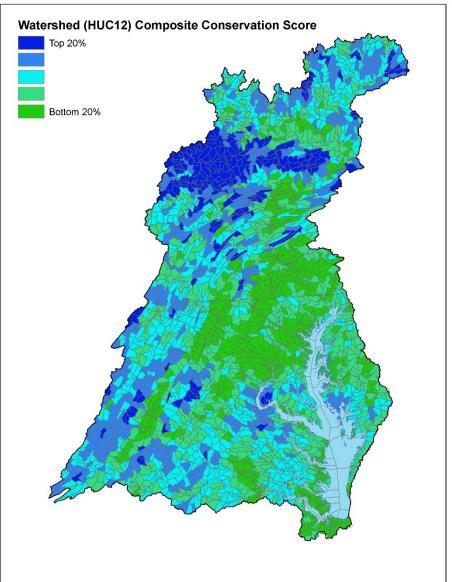


Data Included

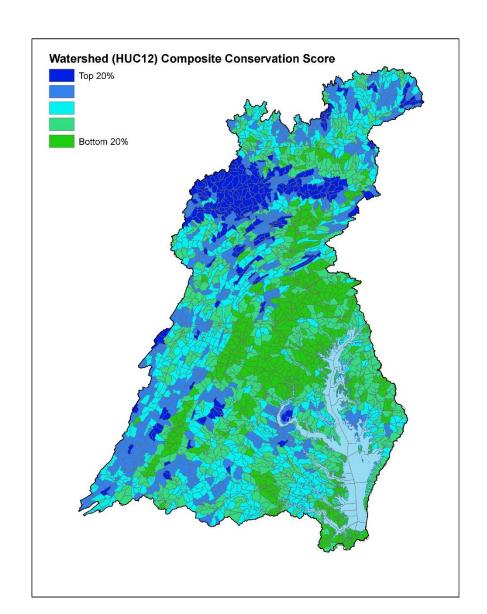
- Priority Living Resource Areas Water Column
- Priority Living Resource Areas Bottom Habitat
- Potential Oyster Habitat
- National Fish Habitat Assessment Areas at High Risk of Habitat Degradation
- Regional Conservation Opportunity Areas Cores and Connectors
- Brook Trout Priority Subwatersheds
- Index of Ecological Integrity High Scores
- American Black Duck Habitat
- Designated Use Attainment
- State Identified Healthy Waters and Watersheds

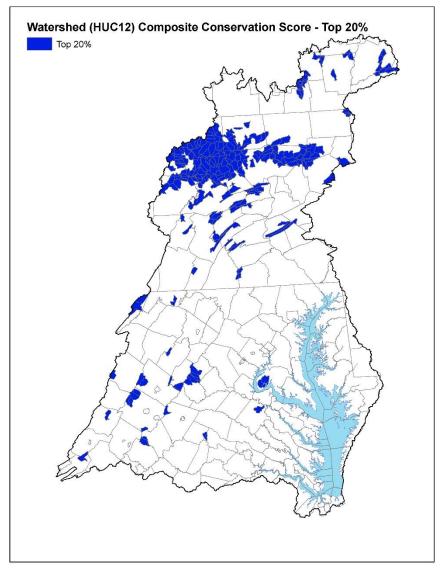




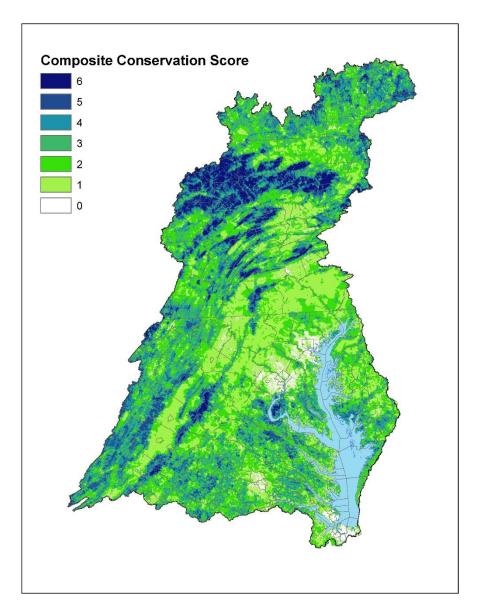


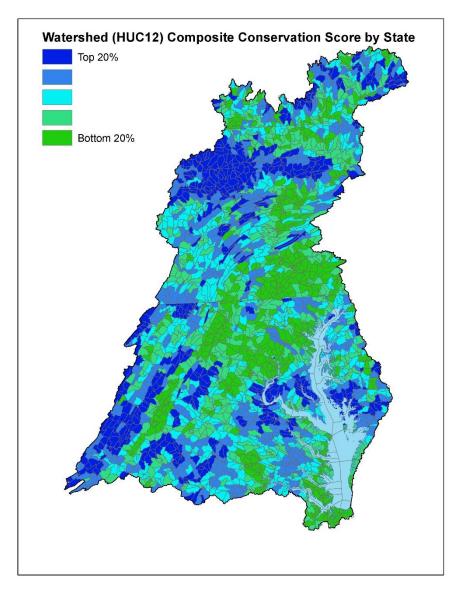




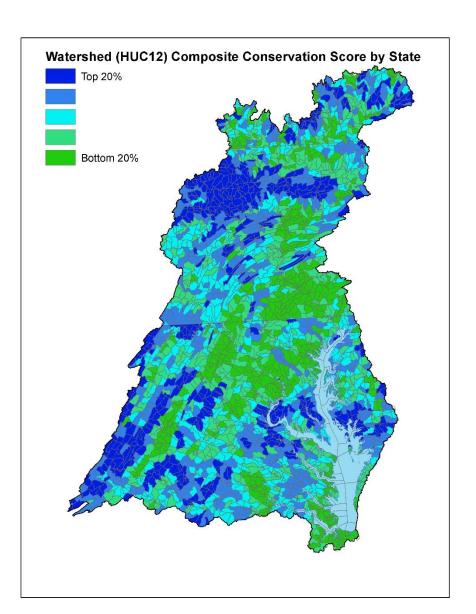


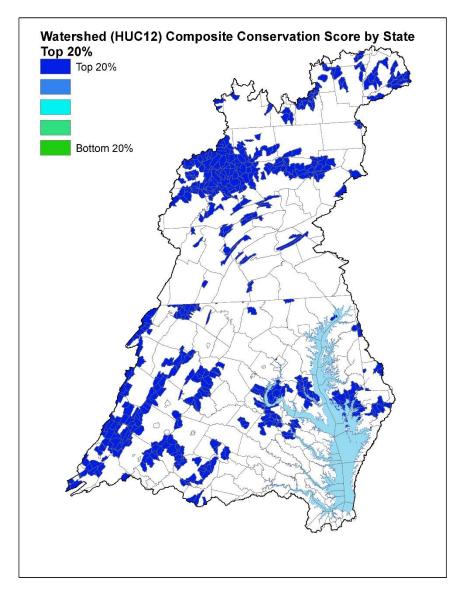






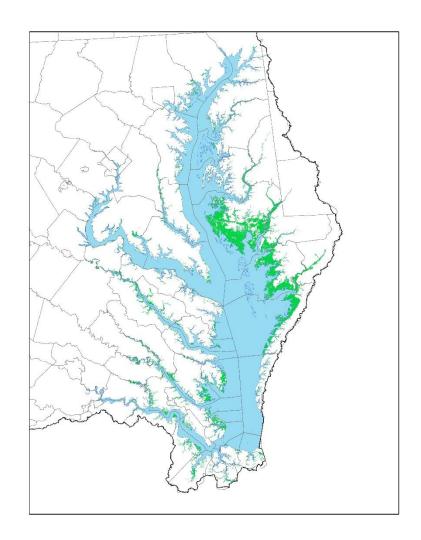




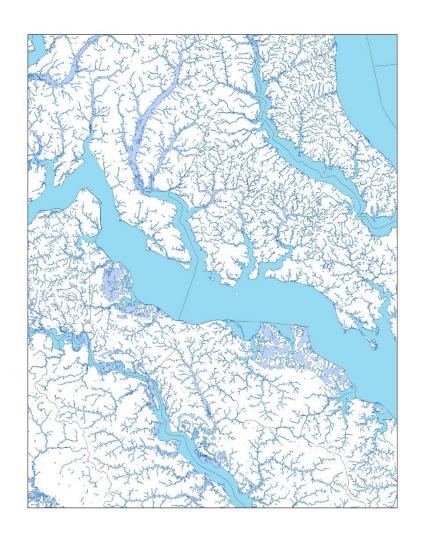




Climate Layers



3 ft Sea Level Rise Scenario

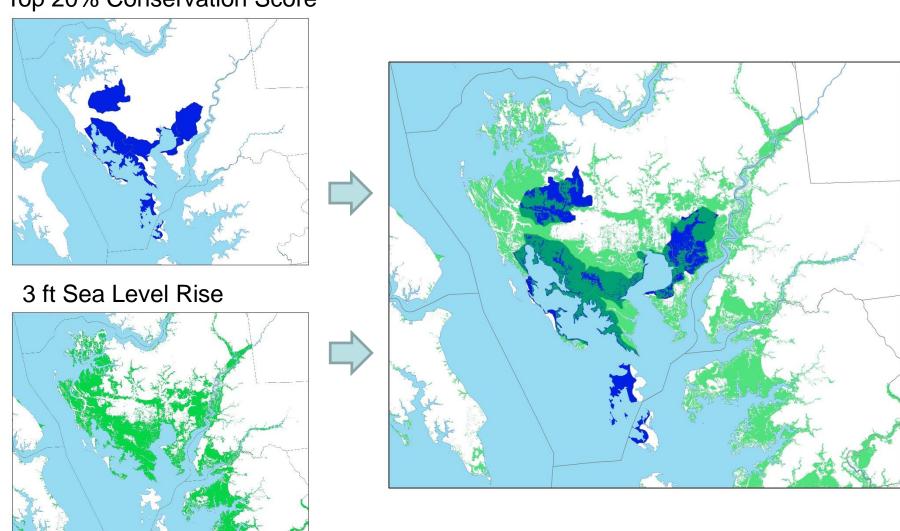


100 year flood plain boundary



Climate Layers

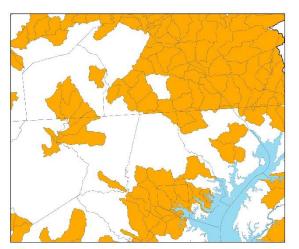
Top 20% Conservation Score



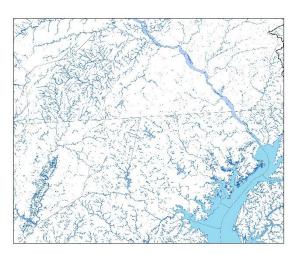


Climate Layers

Top 20% Restoration Score

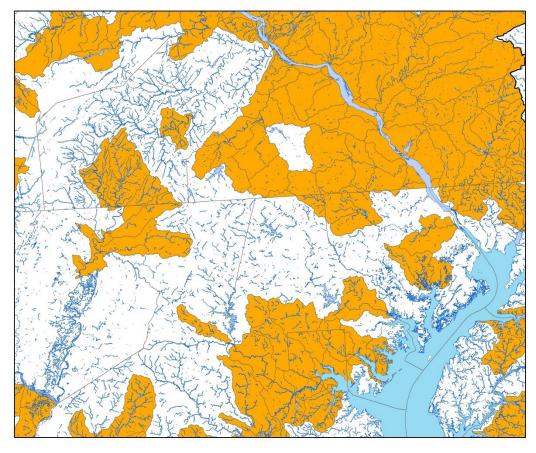














Next Steps

- Share with:
 - -GITs
 - Jurisdictions and federal partners (MB/PSC)
 - "Other" implementers
 - Such as USCOE, NFWF
- Use as part of SRS
 - Help focus 2016-17 efforts
 - Plan for 2018-19
- Evolve over time
 - Management questions, Viewers