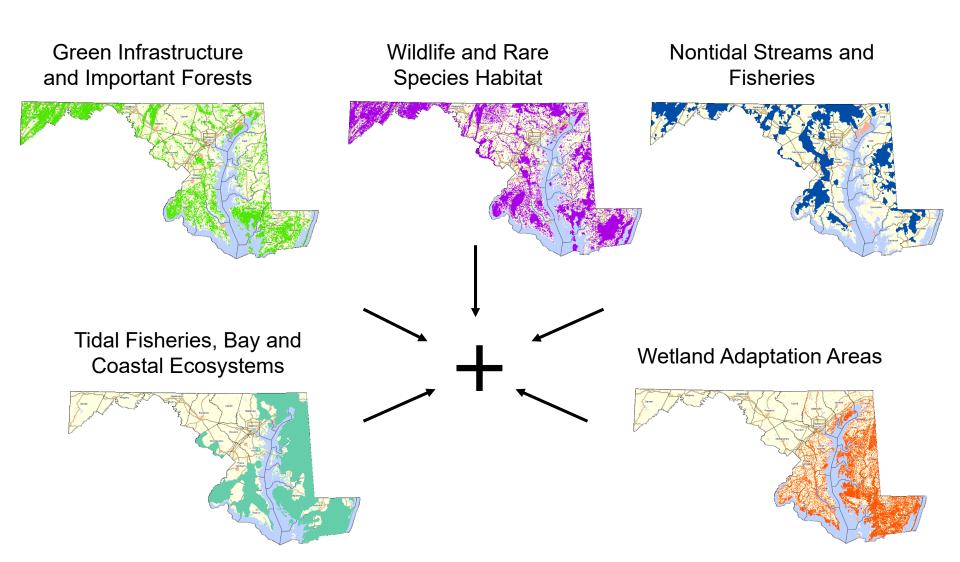


## **Targeted Land Conservation**



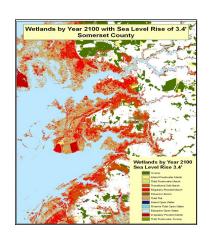


### Wetland Adaptation Areas

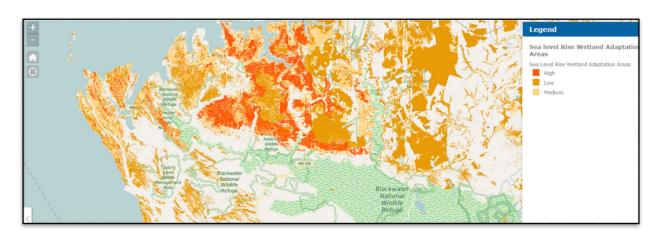


1. Sea-Level Affecting Marshes Model (SLAMM) run for 2050 and 2100 sea-level rise scenarios

2. Using the SLAMM outcome, additional geospatial analysis was conducted to identify priority conservation areas



3. The final product was a range of low, medium and high priority areas called Maryland's Wetland Adaptation Areas (WAA)



>5 Acres WAA =
Trigger Coastal
Resilience
Easement

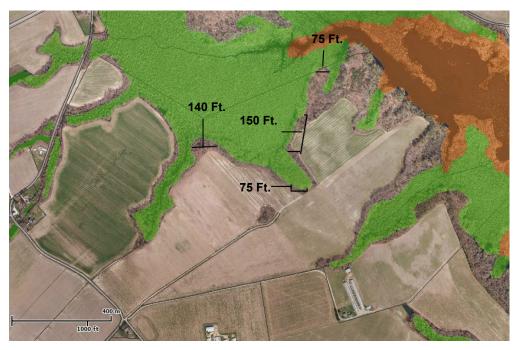




#### **Easement Provisions:**

 Development setbacks in areas subject to sea-level rise inundation by 2050

- Buffers to protect high priority
   Wetland Adaptation Areas
- Impervious surface limits to reduce runoff and pollution due to increased storm events
- Grantee review of shoreline stabilization projects



Palustrine Wetlands
Estuarine Wetlands
Wetland Adaptation Buffers

# Resilience Management Plan



### **Management Plan Provisions:**

- Wetland/hydrologic restoration
- Living shoreline projects
- Invasive species management



Living Shoreline: Before & After

- Environmental hazard management and adherence to Coast Smart Construction Codes
- Removal of barriers to habitat migration
- Documentation of vulnerable historic and cultural resources

