

# Science-Based Approaches and Tools for Targeting Chesapeake Resources



John Wolf and Ken Hyer

USGS and CBP



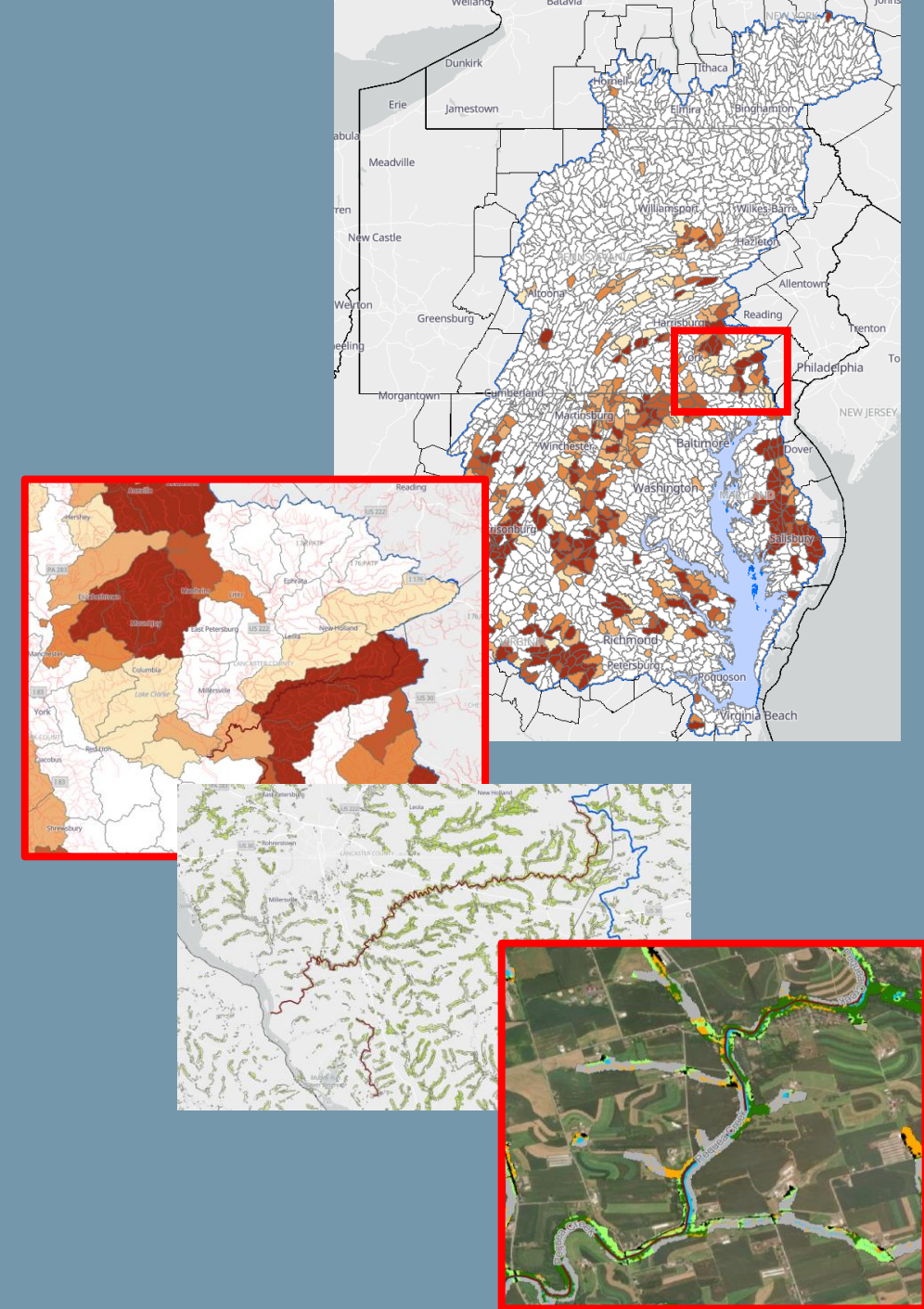
Habitat GIT Spring Meeting 2023

April 25, 2023

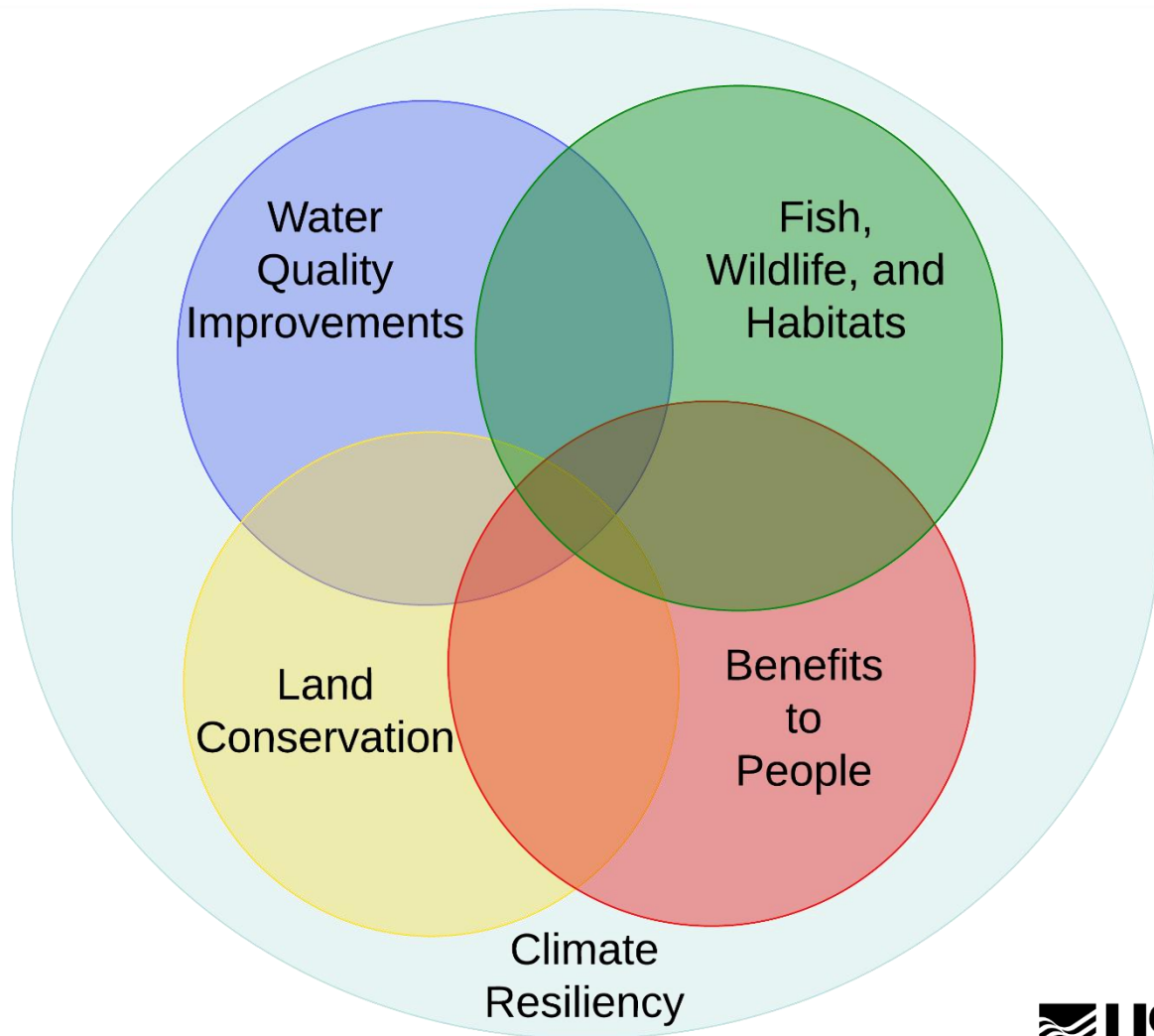


# Today's Presentation

- Overview of CBP/USGS of science approach for targeting resources
- Quick tour of targeting tools portal
- Multi-Outcome example



# Science Approach for Targeting Resources



- Organize around topics:
  - Water-quality improvements
  - Fish, wildlife, and habitat
  - Land conservation
  - Benefits to people
  - Improve climate resiliency
- Strive for multiple benefits
- Build from existing tools & stakeholder programs
- USGS, EPA, Chesapeake Conservancy, & NOAA

# Now is the Time to Address Multiple Outcomes

- Accelerate progress to meet 2025 deadlines:
  - Water-quality practices
  - Lagging CBP outcomes
  - More emphases on climate resiliency and diversity
- New Funding Opportunities
  - \$1.2B federal and state existing funding
  - Infrastructure Law and other federal programs
  - State and local govt. programs
  - NGOs and private capital
- Growing interest from stakeholders
  - Federal and state agencies, CBC, local governments, NGOs
  - Expand use of tools to focus and attract resources





# Targeting Portal

Overview

Water Quality Improvements

Fish, Wildlife and Habitats

Land Conservation

Increased Benefits to People

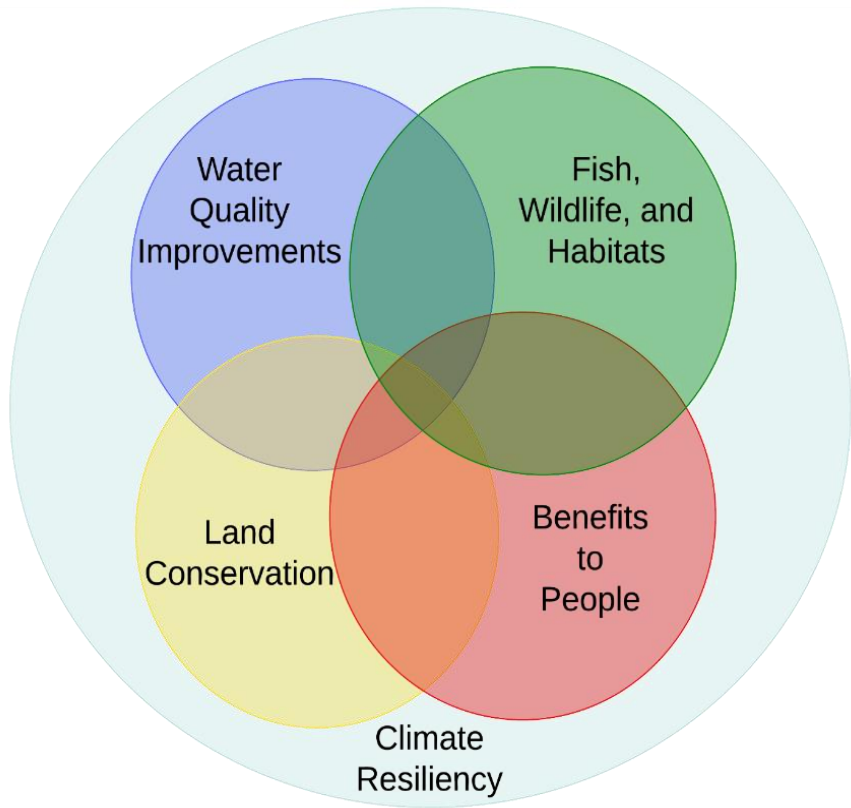
## Accelerated Conservation and Restoration

Draft - 051022

Better Targeting CBP Resources to Achieve Multiple Outcomes: Approach and Tools

A collection of maps and applications that can be used to evaluate watershed restoration and landscape conservation initiatives relative to multiple goals and outcomes of the Chesapeake Bay Watershed Agreement.

# Lancaster Opportunities



- Demonstrate how multiple outcomes can be addressed
- Used to coordinate programs and attract resources
- Local-state-federal engagement
- Similar process can be used in other places

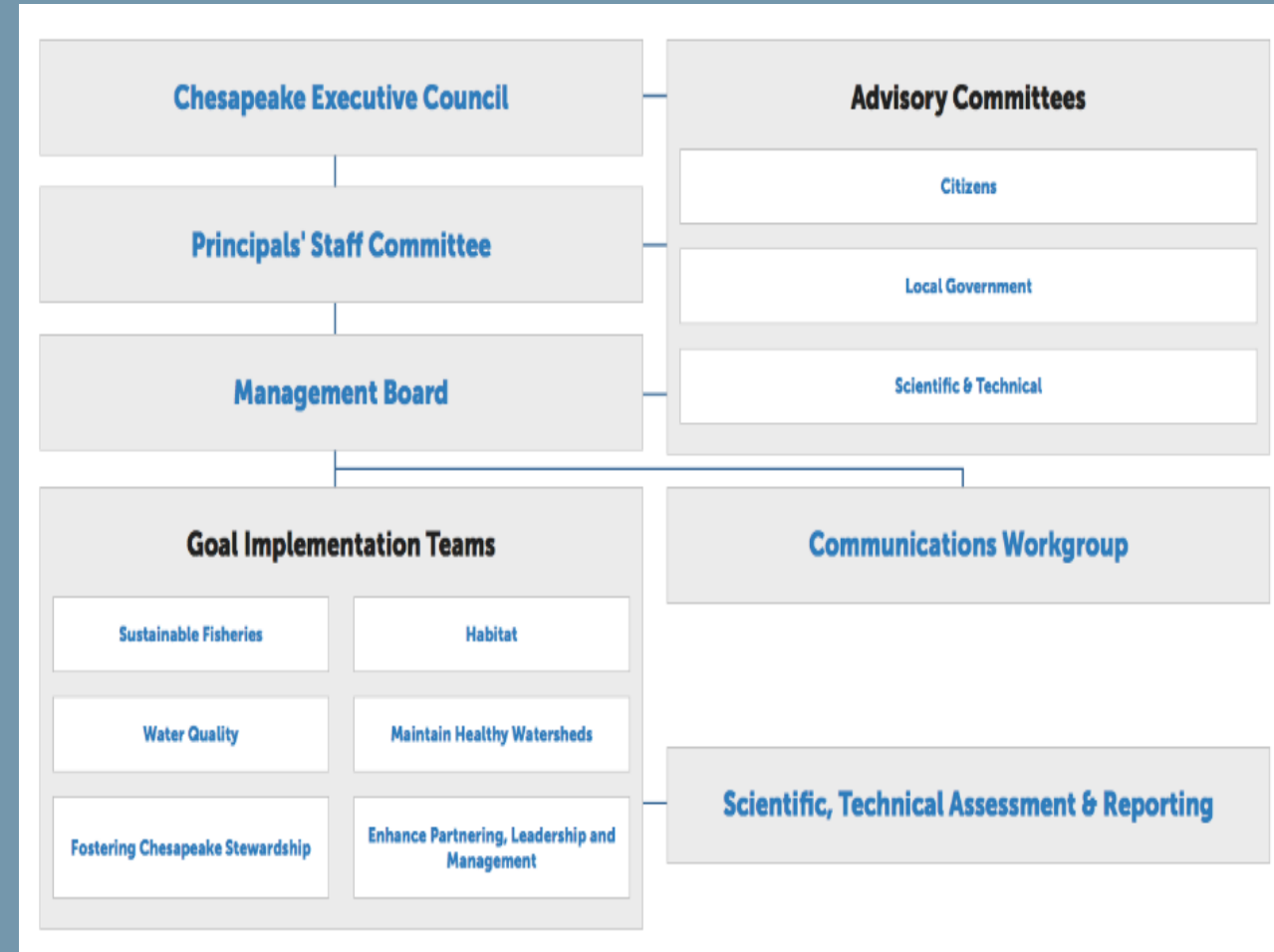
# Next Steps for Targeting Effort



**Chesapeake Bay Program**

*Science. Restoration. Partnership.*

- **CBP interaction**
  - GITs: stakeholder interaction
  - MB and PSC: Agencies involved in funding and policies
  - NGOs and local governments
- **Short-term actions**
  - Targeting Portal
  - Promote use of existing tools
- **Longer-term actions**
  - Enhance tools with high-res. land use data
  - Connections between tools
  - Provide stakeholder support
  - Would require more resources







# Contacts and More Information



**Chesapeake Bay Program**

*Science. Restoration. Partnership.*

## Contacts

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- A Science-Based Approach for Targeting Resources to Achieve Multiple Chesapeake Outcome | U.S. Geological Survey (usgs.gov)
- Targeting Portal [Targeting \(chesapeakebay.net\)](http://chesapeakebay.net)

