

The Watershed Resources Registry as a Collaborative Tool

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Topics

1. WRR as a unique tool for integrating various products
2. Context for WRR and CBP collaboration
3. Potential coordination between CBP tools and the WRR
4. Discussion of next steps and states to pilot effort



Watershed Resources Registry



WRR Layer List

Map Layers

Added Data Layers

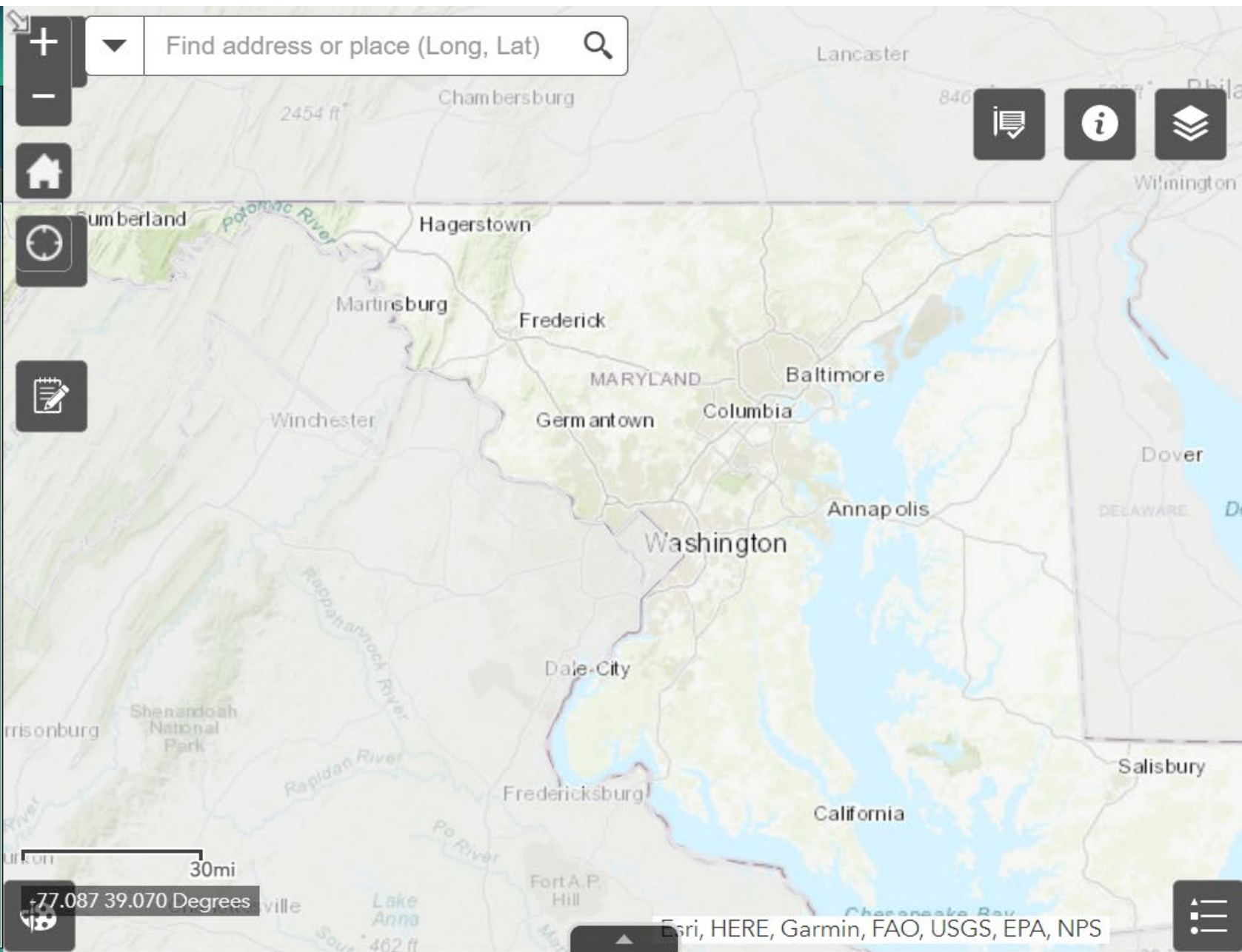
Expand All Folders

WRR Suitability Analyses

Site Visits

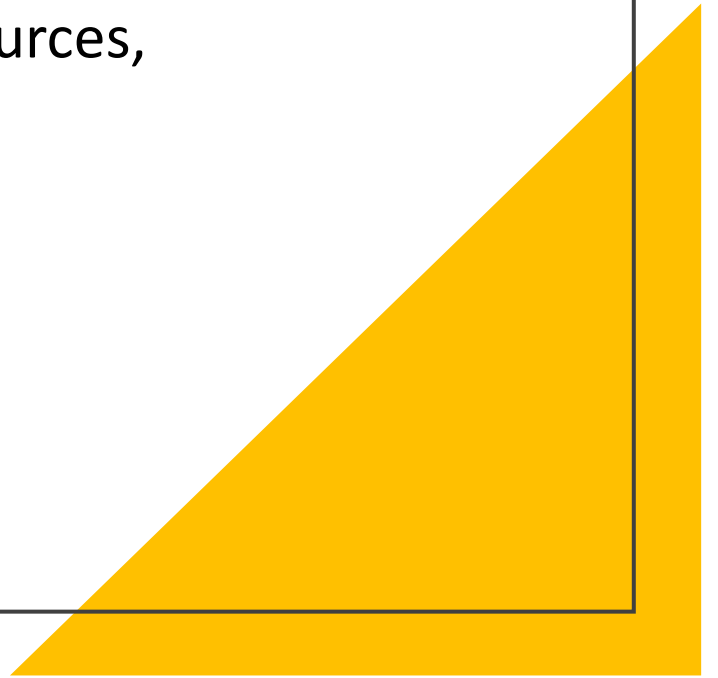
Maryland Stream Mitigation Framework Layers: Site Sensitivity Analysis for Stream Impacts

Maryland Stream Mitigation Framework Layers: Site Sensitivity Analysis for Stream Mitigation



What is a Watershed Resource Registry (WRR)?

Multi-faceted tool developed primarily to help federal and state agencies improve decision making for environmental resources, particularly those covered by CWA





Three Main Components



Collaborative Team (Technical Advisory Committee)

Interactive Online Map with integrated tools

Original Geospatial Analyses

Collaborative Teams

Federal Partners
(EPA, USACE,
USFWS, FHWA)

State Agencies
(DOTs,
DEP/DEQs, DNRs)

Other (non-
profits, local
gov'ts)

Status of State Technical Advisory Committees

- MD, PA, DE, and WV have active quarterly or monthly TAC meetings
- VA involves monthly coordination with a representative, but has had less engagement because WetCAT is the preferred tool for wetlands
- DC does not currently have a WRR
- NY is under EPA Region 2 and does not currently have a WRR



Benefits of Watershed Resources Registry

Integrates and streamlines regulatory programs

Creates a statewide vision for preservation and restoration

Reveals data needs within a given state



Tool Integration

State Tools
AdaptVA
Aquatic Barrier Prioritization Tool
Freshwater Network Chesapeake Region
Freshwater Network Northeast Region
NLEB Winter Habitat and Roost Tree Application
SAV Interactive Map
WetCAT

Federal Tools
DWMAPS
EnviroAtlas
EPA EJScreen
How's My Waterway
IPaC
NEPAssist
RIBITS
Web Soil Survey

Chesapeake Bay
Chesapeake Bay Watershed Model Phase 6 Map Viewer
Chesapeake Bay Assessment Scenario Tool (CAST)
Chesapeake Bay Land Use/Land Cover Data Project
Accelerated Conservation & Restoration Portal
Chesapeake Bay Watershed Data Dashboard
Chesapeake Healthy Watershed Assessment
MidAtlantic IDF Curve Tool



Background

- CBP has published many GIS products (with still more on the way)
 - Challenge: targeting developed tools to a userbase
- Desire to streamline tools to be “one stop shop” for partners where possible
- WRR is an existing platform designed with this purpose in mind
 - Provide necessary infrastructure

Potential Projects to Better Integrate CBP tools with the WRR

- Development of a tree planting/riparian featured collection of layers
 - Urban (“Community”) Tree Canopy
 - Layers for prioritizing planting locations based on equity
- Update with new higher-resolution hydrography and land use data
 - Including new riparian indicator layer (Forest Buffers outcome)
- Advising the update of riparian suitability analyses to reflect updated threshold criteria and data
 - Incorporation of upcoming data related to forest fragmentation
- Other ideas welcome! What are your current priorities that we could work toward?

Next Steps

- Is there interest in pursuing this collaborative effort?
- Volunteers to participate in monthly-quarterly discussions for the integration of needed data and tools into the WRR for analysis?
 - Maybe one-two states to start with?

Questions?

