Chesapeake Bay Program
Science. Restoration. Partnership.

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Habitat Tracker

Where are we and where are we going?

Speakers

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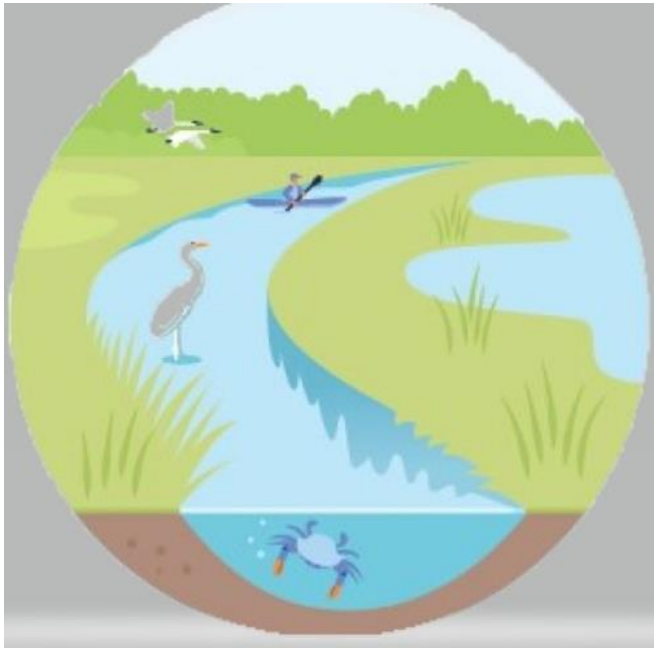
Purpose

- Collect data to be able to evaluate functional benefits of wetlands and for indicator species in the Watershed Agreement
- Develop a tracking tool to assess progress towards the 2014 Chesapeake Bay Agreement's Vital Habitats Goal for the Wetland and Black Duck Outcome
  - Brook Trout Outcome in development
- Includes tidal and nontidal areas of the Chesapeake Bay watershed
- Projects that include impacts on new and existing wetlands and habitat appropriate for indicator species in natural, urban, and agricultural areas
- Data provided by direct communication with entities such as:
  - Ducks Unlimited and The Nature Conservancy
  - Chesapeake Bay watershed jurisdictions
  - Federal partners

Data Analyses to Assess Functional Benefits



- People access and environmental education
- Proximity of communities of various races, genders, ethnicities, sexual identities, socioeconomic statuses, and ages
- Rate of wetland loss
- Wetland areas at risk of development
- Type of land adjacent, e.g.: farmland, percent imperviousness, pasture
- Recurrence of flooding on adjacent lands
- Tidal vs. Nontidal

Welcome

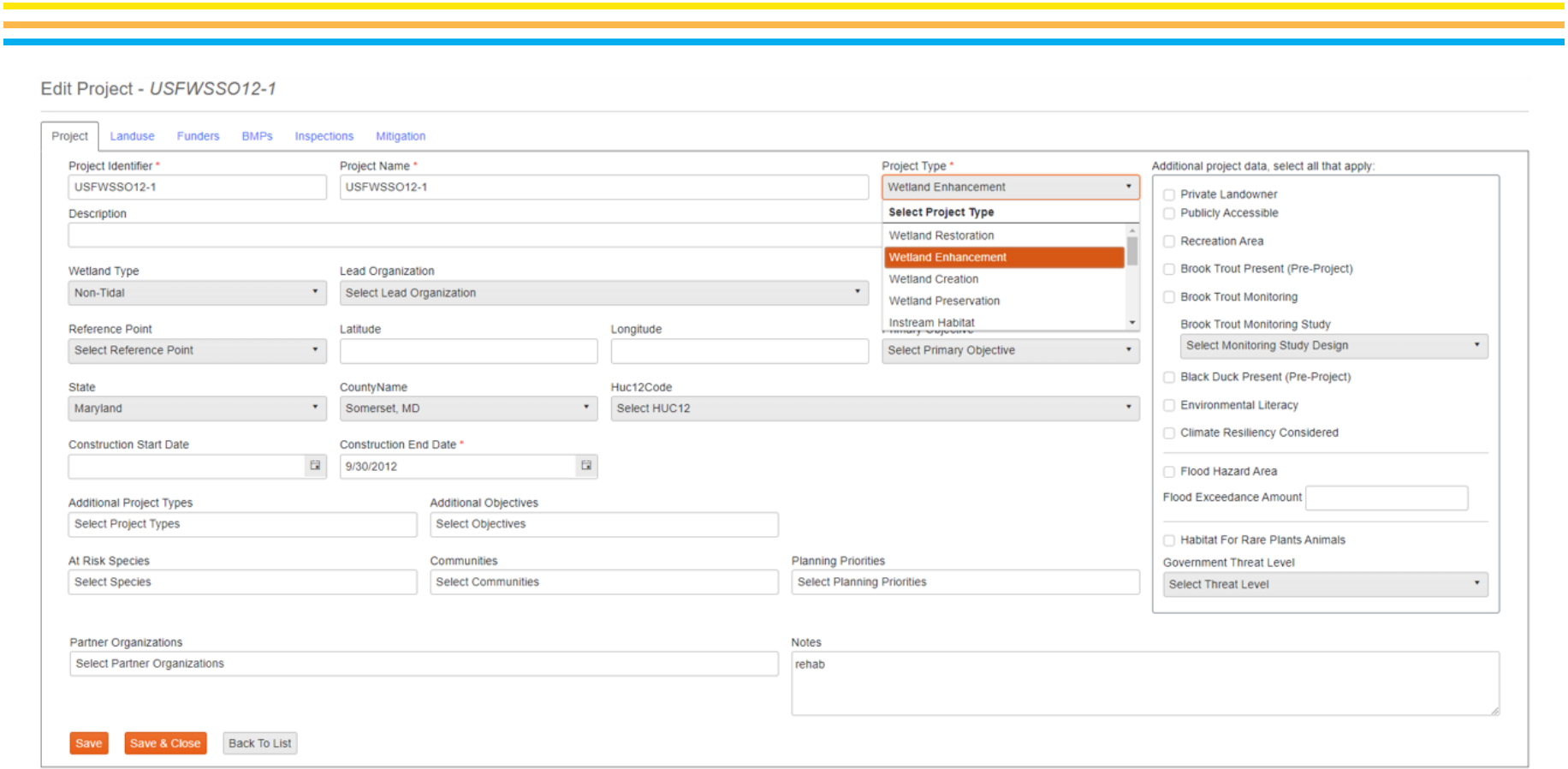
The Habitat Outcome and Attainment Tracking System is a means of collecting and managing the habitat improvement projects implemented in the Chesapeake Bay watershed. A central repository of data from multiple agencies and partners allows a streamlined approach to generate reports needed for ecosystem services tracking and assessments. The Tracking System also facilitates evaluating project implementation goals for trend and targeting analyses.

This Excel spreadsheet contains a template for reporting and tracking habitat projects. The template helps data submitters in the identification and regular reporting of projects that are expected to impact wetlands and black ducks. Reported projects are used to assess progress towards meeting the goals and outcomes established in the 2014 Chesapeake Bay Agreement.

Download the Upload Template

Please contact Helen Golimowski at helen@devereuxconsulting.com for assistance.

Looking for SAV reports? Click here.


Edit Project - USFWSSO12-1
Project
Landuse
Funders
BMPs
Inspections
Mitigation
Project Identifier *
USFWSSO12-1
Project Name *
USFWSSO12-1
Project Type *
Wetland Enhancement
Select Project Type
Wetland Restoration
Wetland Enhancement
Wetland Creation
Wetland Preservation
Instream Habitat
Additional project data, select all that apply:
Private Landowner
Publicly Accessible
Recreation Area
Brook Trout Present (Pre-Project)
Brook Trout Monitoring
Brook Trout Monitoring Study
Select Monitoring Study Design
Black Duck Present (Pre-Project)
Environmental Literacy
Climate Resiliency Considered
Flood Hazard Area
Flood Exceedance Amount
Habitat For Rare Plants Animals
Government Threat Level
Select Threat Level
Description
Wetland Type
Non-Tidal
Lead Organization
Select Lead Organization
Reference Point
Select Reference Point
Latitude
Longitude
Select Primary Objective
State
Maryland
CountyName
Somerset, MD
Huc12Code
Select HUC12
Construction Start Date
Construction End Date *
9/30/2012
Additional Project Types
Select Project Types
Additional Objectives
Select Objectives
At Risk Species
Select Species
Communities
Select Communities
Planning Priorities
Select Planning Priorities
Partner Organizations
Select Partner Organizations
Notes
rehab
Save
Save & Close
Back To List

Project | Landuse | Funders | BMPs | Inspections | Mitigation

+ Add Project Landuse | Clear Filters

Pre Project Landuse	Post Project Landuse	Unit	Impervious	Actions
Wetlands	Wetlands	acres	1363	

1 items

Wetland and Black Duck Acres Report

Geography	Construction End Year	Wetland Type	Presence Of Black Duck	Pre Project Land Use	Post Project Land Use	Acres
DE	2020	Non-Tidal	NO	Agriculture	Natural	70.000
DE	2021		NO	Agriculture	Natural	6.000
MD	2011	Non-Tidal	NO	Wetlands	Wetlands	2.400
MD	2012	Non-Tidal	NO	Forest	Wetlands	1501.000
MD	2012	Non-Tidal	NO	Not Available	Wetlands	558.990
MD	2012	Non-Tidal	NO	Open Space	Wetlands	143.800
MD	2012	Non-Tidal	NO	Wetlands	Wetlands	1921.000
MD	2012	Tidal	NO	Not Available	Wetlands	27003.399
MD	2012	Tidal	NO	Wetlands	Wetlands	27000.000
MD	2013	Non-Tidal	NO	Open Space	Wetlands	145.900
MD	2013	Non-Tidal	NO	Water	Wetlands	60.000
MD	2013	Non-Tidal	NO	Wetlands	Wetlands	108.500
MD	2013	Tidal	NO	Water	Wetlands	1776.000
MD	2013	Tidal	NO	Wetlands	Wetlands	1333.000
MD	2014	Non-Tidal	NO	Forest	Wetlands	788.500
MD	2014	Non-Tidal	NO	Not Available	Wetlands	26000.800
MD	2014	Non-Tidal	NO	Open Space	Wetlands	329.900
MD	2014	Non-Tidal	NO	Wetlands	Wetlands	26005.300
MD	2014	Tidal	NO	Forest	Wetlands	25.000
MD	2014	Tidal	NO	Natural	Natural	25.000
MD	2014	Tidal	NO	Not Available	Wetlands	2057.000
MD	2014	Tidal	NO	Wetlands	Wetlands	3418.000
MD	2014		NO	Agriculture	Natural	6.500
MD	2014		NO	Open Space	Wetlands	1.000
MD	2015	Non-Tidal	NO	Forest	Wetlands	550.000
MD	2015	Non-Tidal	NO	Natural	Natural	8.200
MD	2015	Non-Tidal	NO	Not Available	Wetlands	2.000
MD	2015	Non-Tidal	NO	Open Space	Wetlands	46.420
MD	2015	Non-Tidal	NO	Wetlands	Wetlands	1021.700
MD	2015	Tidal	NO	Natural	Natural	275.000
MD	2015	Tidal	NO	Not Available	Wetlands	.310
MD	2015	Tidal	NO	Water	Wetlands	55.110
MD	2015	Tidal	NO	Wetlands	Wetlands	55.110
MD	2015		NO	Agriculture	Natural	38.500
MD	2016	Non-Tidal	NO	Agriculture	Natural	335.000

- Projects that have any positive impact on Black Ducks are summarized in the Wetland and Black Duck Acres Report
- Wetland type and acreage is reported, as well as the pre- and post-project land use
- If presence of black ducks have been reported, this is noted in the ‘Presence of Black Duck’ column
- **Note:** We are capturing the entire acreage of projects that impact wetlands, not just the new acres of wetlands
  Ex. See rows where pre- and post-project land use is ‘Wetlands’

What people are saying about Habitat Tracker

- “It will be nice to see all the co-benefits that come out of this database.”
- The user interface will be very helpful to users who just have a few annual projects.
- It is great that there is a place to track and report voluntary wetland projects.

Conclusions

- The Habitat Tracker is a data collection system for evaluating progress toward the Watershed Agreement Vital Habitat's Goals and Outcomes
- Persistent effort is required to elicit data
- Ultimately, tracking and analyses can help incentivize goals and show the impact of habitat preservation and restoration
- Flexibility of data collection and tracking allows for multiple data analyses to be conducted to assess an array of wetland and living resource functions