

# CHESAPEAKE BAY COMPREHENSIVE WATER RESOURCES AND RESTORATION PLAN

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Presentation to the Interstate Commission on the Potomac  
River Basin Advisory Committee.

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*"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."*

Chesapeake Bay Comprehensive Water  
Resources and Restoration Plan



US Army Corps  
of Engineers  
Norfolk District



US Army Corps  
of Engineers  
Baltimore District



# KEY AUTHORITIES AND DOCUMENTS

- ☐ United States Senate Committee on Environment and Public Works, Committee Resolution - 26 September 2002
- ☐ Section 4010(a) Water Resources Reform and Development Act (WRRDA) 2014 - Implementation Guidance - 8 December 2015
- ☐ Planning Bulletin 2016 Watershed Studies - 30 September 2016
- ☐ Chesapeake Bay Agreement 2014
- ☐ Executive Order 13508 Strategy 2010

# STUDY AUTHORITY

*“Resolved by the Committee on Environment and Public Works on the United States Senate, that the Secretary of the Army is requested to review the report of the Army Corps of Engineers on the Chesapeake Bay Study, dated September 1984, and other pertinent reports, with a view to developing a coordinated, comprehensive **master plan** within the Corps mission areas for **restoring, preserving and protecting** the Chesapeake Bay ecosystem. The plan shall focus on **integrating existing and future work of the Corps of Engineers**, shall be developed **in cooperation** with State and local governments, other Federal agencies, the Chesapeake Bay Program, the Chesapeake Bay Commission, and the Chesapeake Executive Council, and shall encompass all Corps actions necessary **to assist in the implementation of the goals of the 2000 Chesapeake Bay Agreement**. The plan shall identify additional feasibility studies and research efforts required to better understand and solve the environmental problems of the Chesapeake Bay.”*

# BACKGROUND

CBCP will result in a single, integrated restoration plan to:

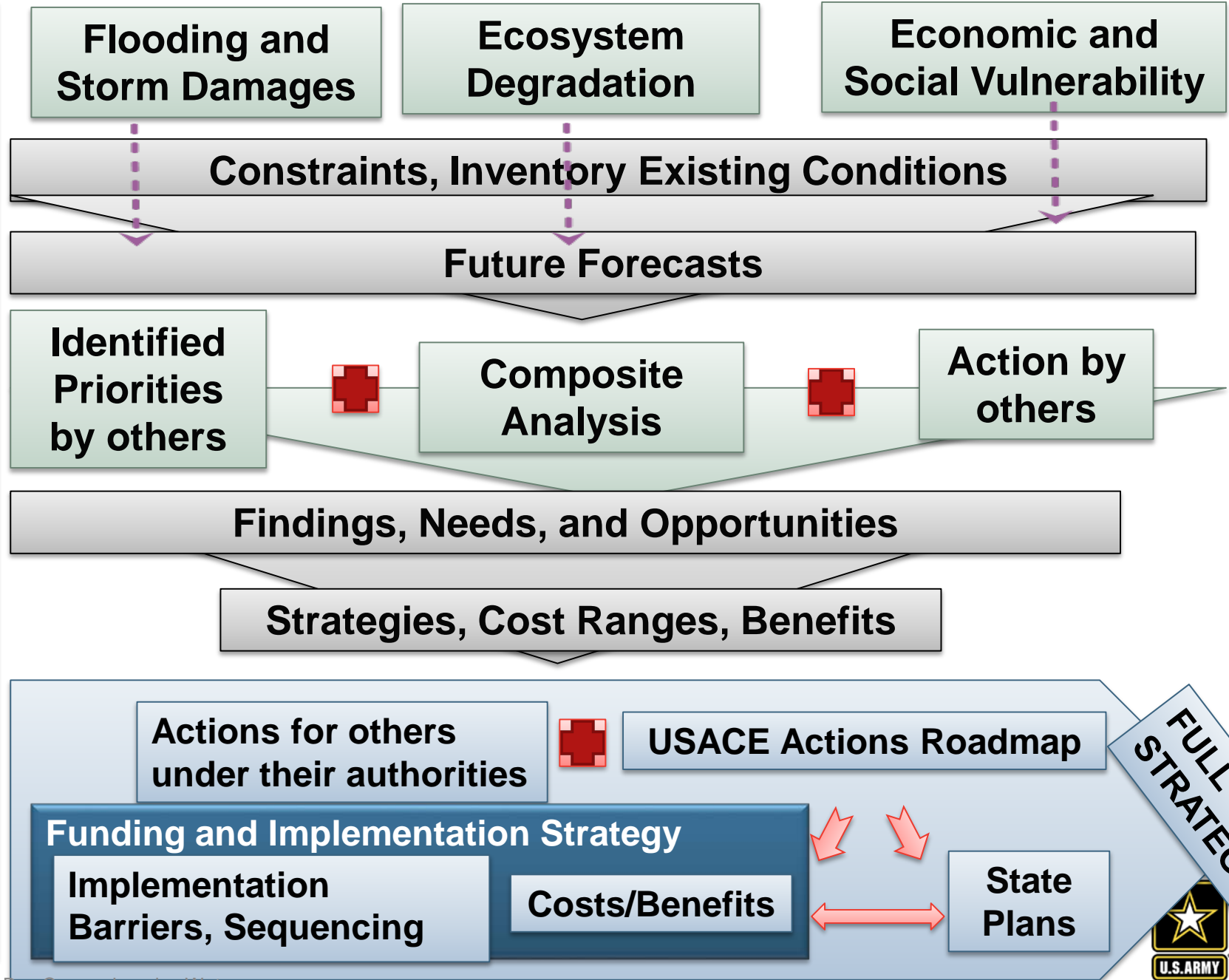
- **Guide** implementation of actions that **protect, restore** and **preserve** the Bay
- **Adopt and Align** actions with what others are doing
- **Avoid duplication** of ongoing or planned actions by others
- Make maximum use of **existing information**
- **Identify** ecological problems, needs, and opportunities
- **Identify** projects for **further study** and **implementation**, including at least one for each Bay state and the District of Columbia

# DRAFT OBJECTIVES



- Develop a comprehensive and strategic, integrated water resources plan to guide the implementation of projects that will assist in meeting the 2014 Chesapeake Bay Agreement.
- Identify areas for aquatic ecosystem restoration, protection or preservation that will assist in meeting the 2014 Chesapeake Bay Agreement.
- Identify at least one project in each state and D.C. that can be considered for implementation or technical assistance by the U.S. Army Corps of Engineers and supports the Bay Agreement.
- Identify new policies or programs or improve upon existing policies and programs that will help achieve an environmentally and economically sustainable and resilient Chesapeake Bay watershed.

# STAKEHOLDER INPUT



**COMPOSITE  
ANALYSES**



**Identified  
Priorities by  
others**



**Action by  
others**

GIS cluster analysis or other processes for these evaluations such as a scoring scheme or density analyses to identify hot regions of focused activity (or lack of activity).

***USACE Mission Analyses***

***Connectivity Analysis***

***Healthy/High Value Habitats Analysis***

***Watershed Degradation Analysis***

***Threats Analysis***

***Socioeconomic Analysis***

**Restoration Opportunities Analysis**

These analyses would be completed independently. The results will then be used with results from other analyses to answer questions and develop recommendations.



# DATA CALL

## #1 Restoration Actions

Recently implemented or about to be implemented environmental/ecosystem restoration projects and/or programs.

### USACE

#### Chesapeake Bay Comprehensive Water Resources and Restoration Plan

#### [Restoration Actions](#)

#### Data Request Form

\*Please submit only one program/project per page.

\*Please submit in any of the following ways:

Email: [ChesBayCompPlan@usace.army.mil](mailto:ChesBayCompPlan@usace.army.mil)

Email: [anna.m.compton@usace.army.mil](mailto:anna.m.compton@usace.army.mil)

Additional forms can be downloaded from the study website:

<http://www.nab.usace.army.mil/Missions/Civil-Works/Chesapeake-Bay-Comprehensive-Plan/>

*We are requesting GIS data in Esri shapefile or geodatabase format. Points, lines, or polygons are acceptable but the more detail the better. If the requested info is not already documented in the GIS attribute table or metadata, please fill out the form below to accompany the GIS data.*

Background- There is A LOT of good work going on in the Chesapeake Bay watershed. One our charges for the CBCP effort is to ensure that we are **adopting** and **aligning** with the good work going on in the Bay. We know there is a lot of recently implemented or about to be implemented environmental/ecosystem restoration projects and/or programs; however there is no ONE good place to get this data. The data we collect will be used to create a data layer/database of "Restoration Actions" with corresponding map(s). This would be shared and could be utilized for collaboration purposes and for future planning efforts.

1. Project/Program Name/Type-
2. Affiliated with a larger federal, state, or local restoration plan/strategy?-
3. Project Status-
4. Project area/location- (Lat/long or map location preferable)-
5. Anticipated ecological benefits-
6. Point of Contact (Name, email, phone number, agency)-
7. Other Information-

[http://www.nab.usace.army.mil/CBCP\\_data\\_request/](http://www.nab.usace.army.mil/CBCP_data_request/)





# DATA CALL

## #2 CANDIDATE RESTORATION PROJECTS

- Projects with minimal risk and uncertainty that can be implemented without further research, complex modeling or data collection to achieve immediate, meaningful environmental benefits to the Chesapeake Bay.
- Indicate higher priority projects.
- USACE is looking to identify strategic partnerships and funding sources to implement recommendations (i.e. projects).

[http://www.nab.usace.army.mil/CBCP\\_data\\_request/](http://www.nab.usace.army.mil/CBCP_data_request/)

USACE

Chesapeake Bay Comprehensive Water Resources and Restoration Plan

Candidate Restoration Project

**Data Request Form**

\*Stakeholders are welcome to submit more than one project. Please submit only one project per page.

\*Please submit in any of the following ways:

Email: [ChesBayCompPlan@usace.army.mil](mailto:ChesBayCompPlan@usace.army.mil)

Email: [anna.m.compton@usace.army.mil](mailto:anna.m.compton@usace.army.mil)

Additional forms can be downloaded from the study website: <http://www.nab.usace.army.mil/Missions/Civil-Works/Chesapeake-Bay-Comprehensive-Plan/>

*We are requesting GIS data in Esri shapefile or geodatabase format. Points, lines, or polygons are acceptable but the more detail the better. If the requested info is not already documented in the GIS attribute table or metadata, please fill out the form below to accompany the GIS data.*

Background- One of the end products of the CBCP is to recommend AT LEAST one ecosystem restoration project per Bay state that USACE could partner with a non-federal agency to implement. We are looking for projects with minimal risk and uncertainty that can be implemented without further research, complex modeling or data collection to achieve immediate, meaningful environmental benefits to the Chesapeake Bay. The collected data will be screened and used to identify strategic partnerships and funding sources to implement recommendations (i.e. projects).

1. Project Name/Type-
2. Potential project area/location (Lat/long or map location if available) -
3. Anticipated ecological benefits-
4. Estimated Cost range-
5. Implementation barriers (Funding? Controversy?)-
6. Point of Contact (Name, email, phone number, agency)-
7. Other Information-

# DATA CALL

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## Data Request Forms

Submit only one program/project per page.

Submit in any of the following ways:

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Email: [anna.m.compton@usace.army.mil](mailto:anna.m.compton@usace.army.mil)

**Due by March 7, 2017**



# NEXT STEPS

- ☐ Data calls due March 7
- ☐ U.S. Fish and Wildlife Service Planning Aid Report - June
- ☐ Stakeholder webinars - April and June
- ☐ Draft Report for review – Fall 2017
- ☐ Final Report - Summer 2018

