

Making the Case for Land & Landscape Conservation





































































SAVING NATURE



























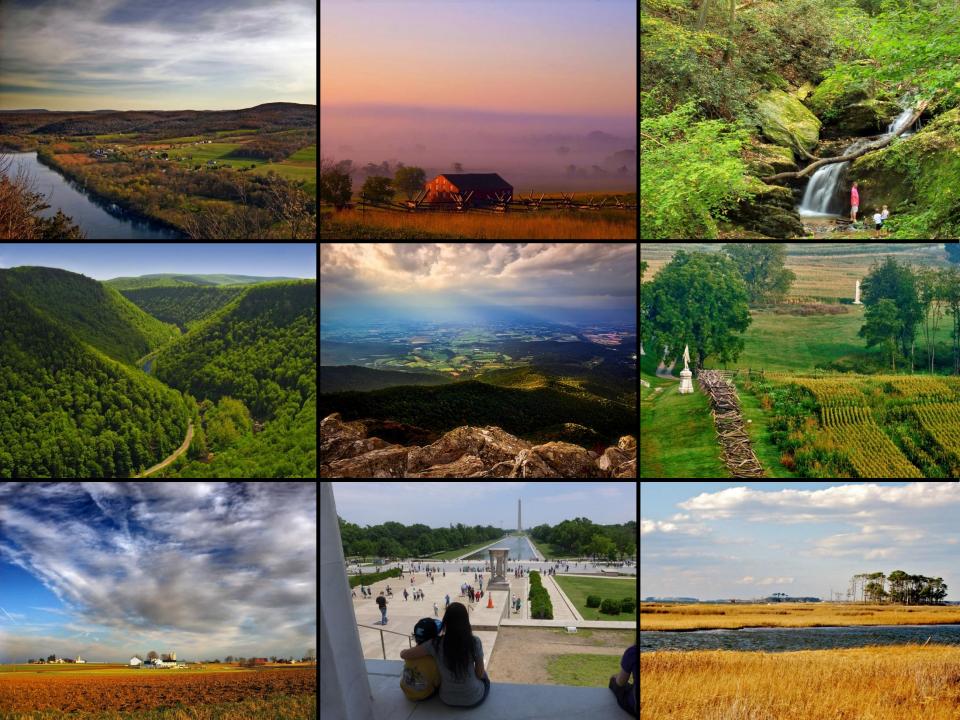








We foster collaborative action to conserve culturally and ecologically important landscapes to benefit people, economies, and nature throughout the six-state watershed.



"Landscape-level conservation—the term is still relatively new—is a different way of making sense of the world and of assessing and nurturing its health that steps beyond the laudable, but limited, 20th-century practice of designating reserves and cleaning up pollution. Taking a wide-angle, big-picture view of things, it sees every landscape, designated or not, as an intricately connected community of living beings sustained by a wideranging community of people."

Tony Hiss, for Practitioners' Network for Large Landscape Conservation.







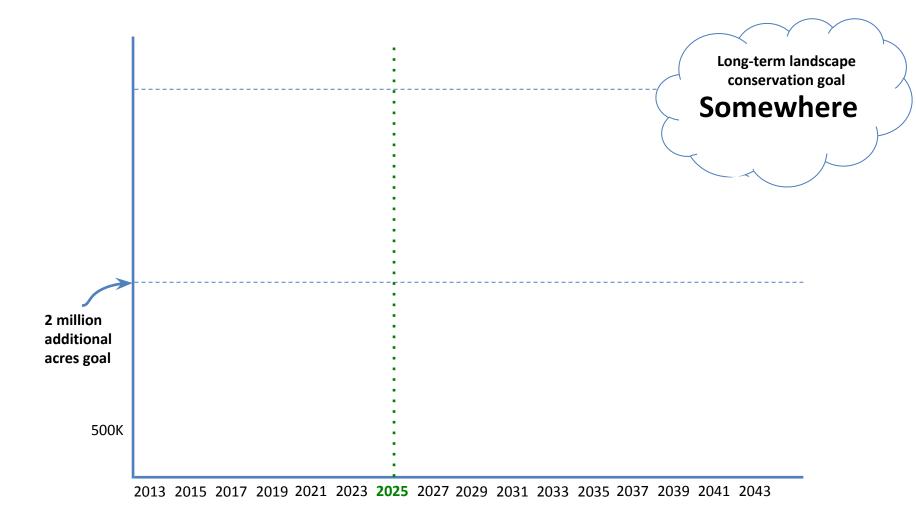


The long term ask

2 million acres?







INTRODUCTION

EXPLORE PLACES & TOPICS

FOCUS & PLAN

TAKE ACTION

CONNECT & SHARE

GO TO THE MAP



Home » Focus and Plan » Priority Places » LandScope Chesapeake » LandScope Chesapeake Home



> LandScope Chesapeake Home

Conservation Summary

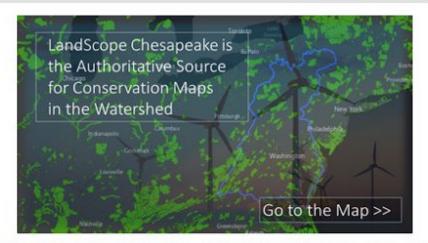
Conservation Priorities

Featured Places

Protected Areas

Conservation Partners

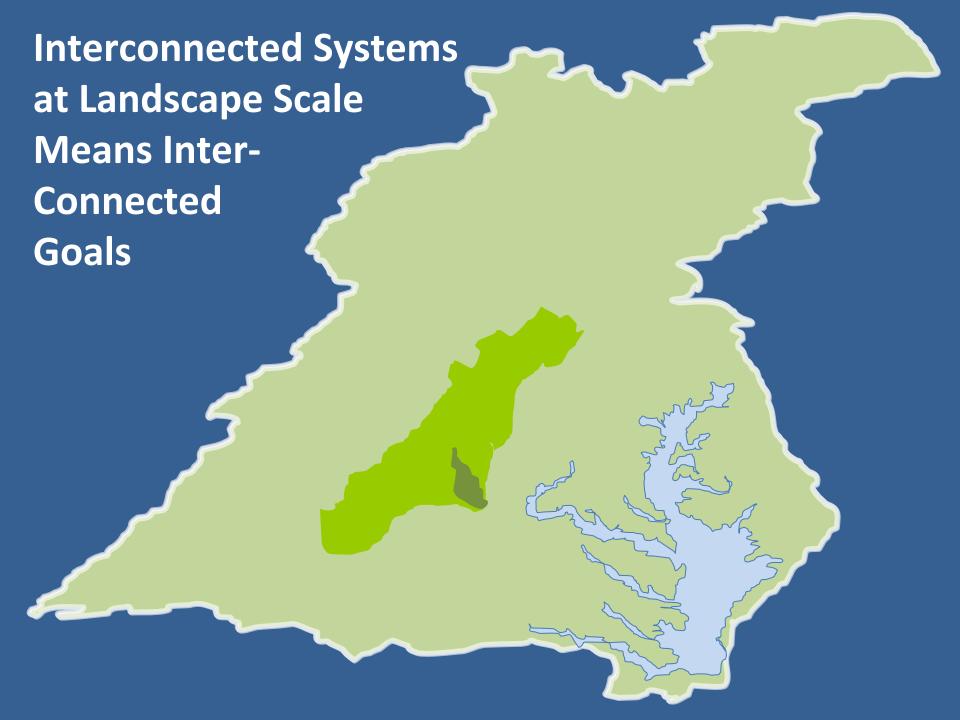
Chesapeake Bay States











Our Principles

Pooling our priorities gives greater influence.

Everyone's land conservation goals and priorities are important.

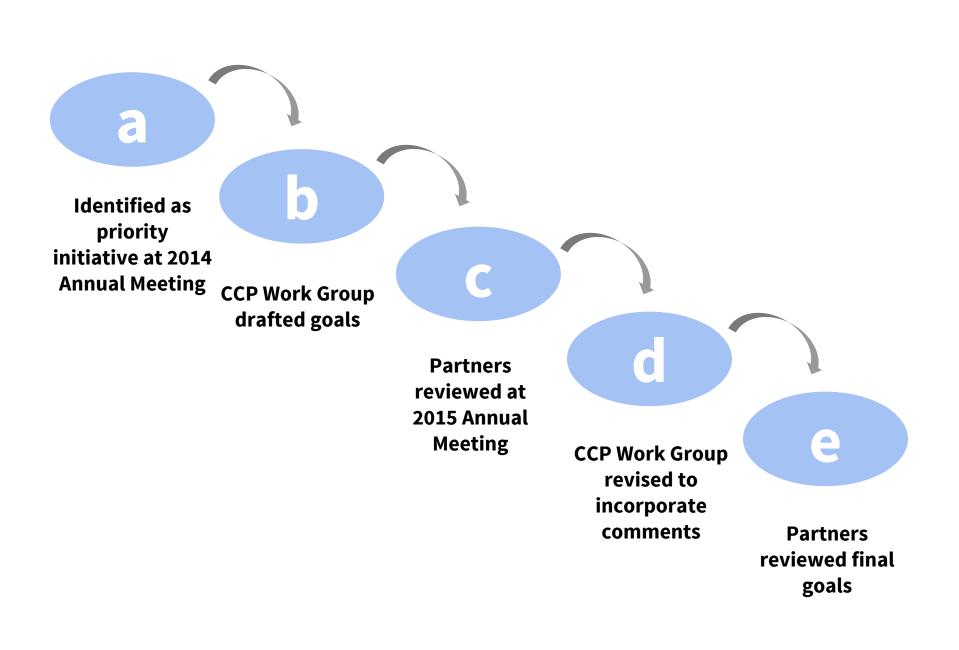
The Partnership's landscape conservation goals must be inclusive of all partners' goals.

Dividing the pie is not our interest. Making the pie bigger is.

- Set Long-term Goals
- Document & Illustrate
 Them
- 'Grow the Pie' Strategies
- 4 Track Progress



A set of inclusive and cumulative long-term landscape conservation goals reflecting what we all want to conserve in the Chesapeake watershed.



Farms Forests Habitat Heritage Health

Farms Forests Habitat Heritage Health

All interconnected: **Vibrant economy Strong communities** Healthy people **Working farms/forests** Thriving native wildlife Clean water **Healthy watersheds Shared heritage** Recreation **Quality of life**







Farms

Protect the Chesapeake watershed's productive farms and prime farmland from conversion and secure space for urban farming to ensure permanent, sustainable 'close to home' sources of food for the region's population and to support the economic and cultural value of our working farms and farmers.











Forests

Protect the Chesapeake watershed's most ecologically and economically valuable forest land from conversion--headwater and riparian forests, large forest blocks, woodlots providing multiple values, and highly productive timber growing soils.

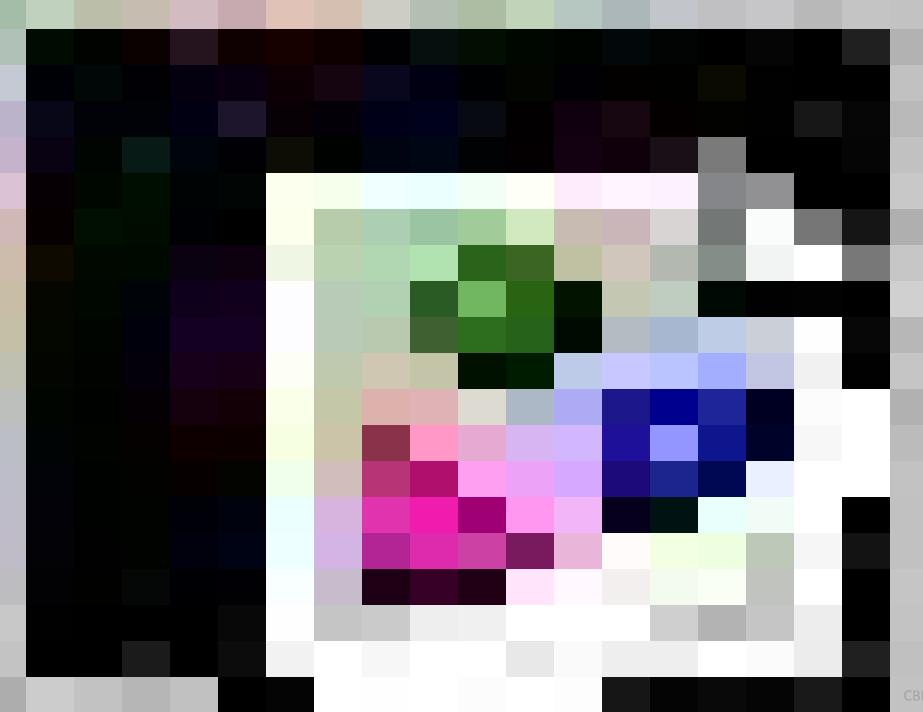












Habitat

Protect a network of large natural areas and corridors sufficient to allow nature to respond to a changing climate and land development and to support thriving populations of native wildlife, migratory birds, fish and plants and sustain at-risk species.









Heritage

Protect the treasured landscapes of our collective heritage from development that would alter the scenery and character that conveys their importance -- along our designated trails and scenic rivers and byways, at our parks, and throughout our state and national heritage areas, valued cultural landscapes and historic districts.









Human Health

Provide people access to parks and trail networks within walking and biking distance of their homes and communities. Provide sufficient opportunities along waterways to ensure nearly all residents are within 30 minutes of reaching a public access site at water's edge.

Infographics

Protect the Chesapeake watershed's productive farms and prime farmland from conversion and secure space for urban farming to ensure permanent, sustainable 'close to home' sources of food for value of our working farms and farmer

The productive land and prime agricultural soils of the Chesapeake watershed support a rich heritage of working farms. In fact, more than 9 million acres (22%) of the region is in agricultural use. Many farms and related businesses have added economic and cultural value as well, orchards, vineyards, wineries and more. Yet many of our most valuable farm lands are often close to population centers and subject to intense development pressure. Farther away, other regions which supply the largest share of produce coming into the mid-Atlantic are beset by multi-year droughts and climate changes that may have farreaching impacts. Conserving our region's farms and prime farmland for long-term food production and security is a priority.

Where are the important farms?



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Conserved so far

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pe is rich with small and large places of communities and our nation. Some are byways, scenic rivers, trails on land and



Heritage

sustaining wildlife and fish on a use the Bay, rivers and headwater ife cycles. Many-such as shad, -hold tremendous ecological ral value. Hundreds of migratory nds and meadows of the waters What's conserved so far Millions of migrating ducks saneake, Conserving the I to sustaining a rec

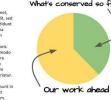
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Our work ahead

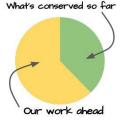
Chesapeake



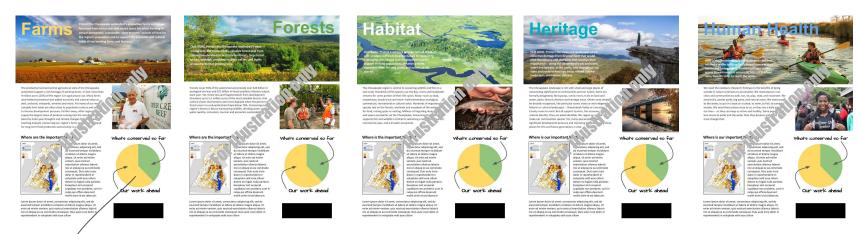


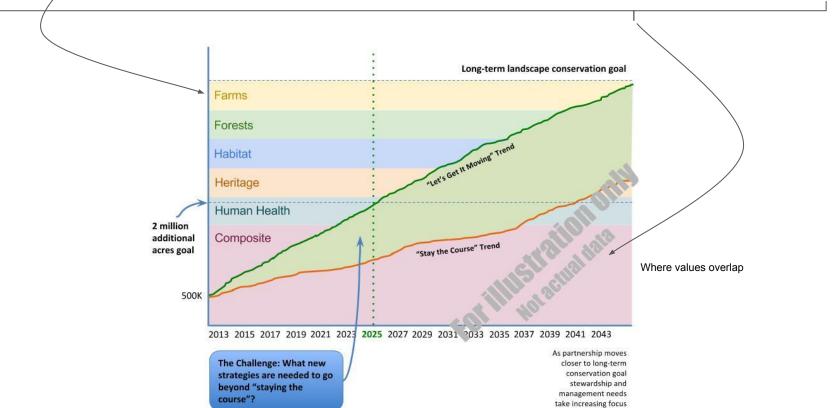
Chesapeake CONSERVATION PARTNERSHIP

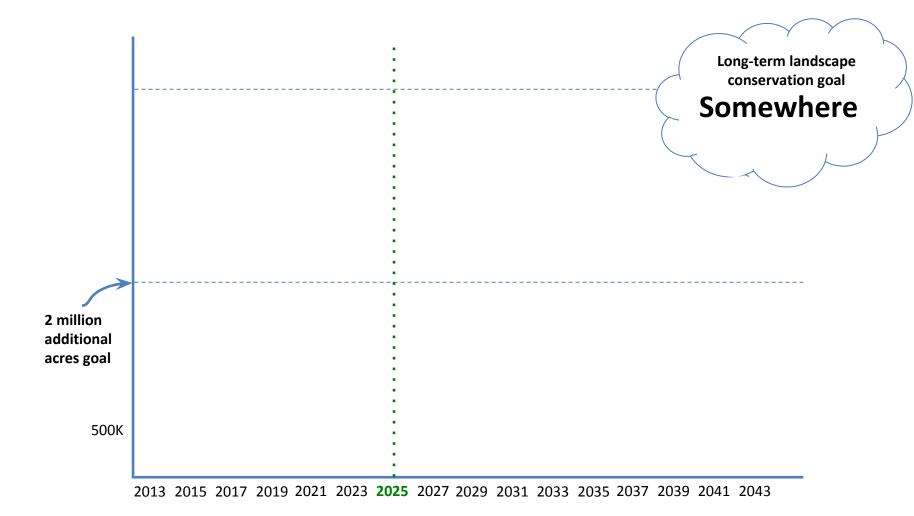


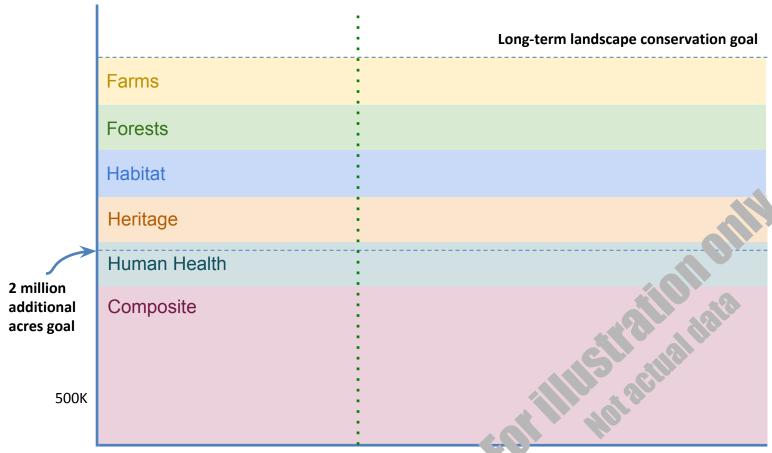






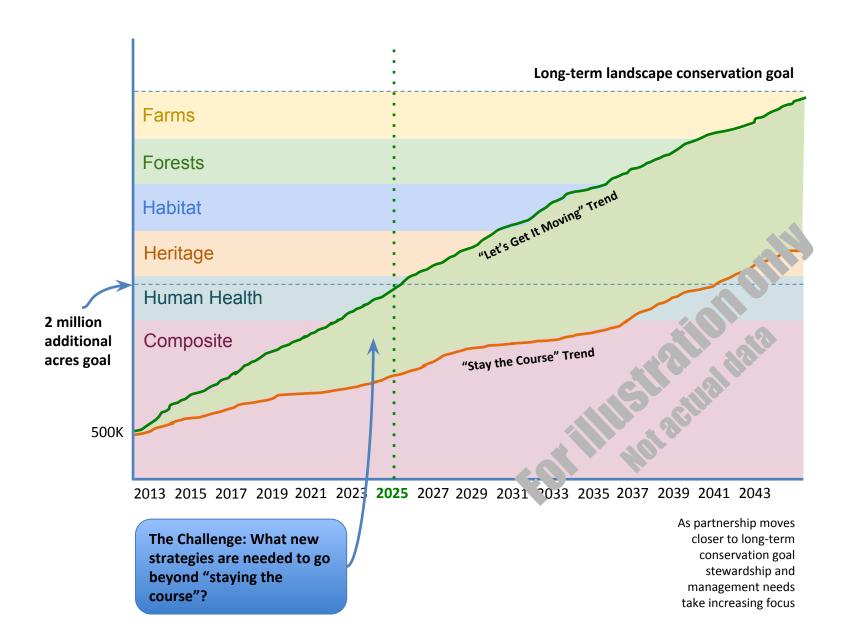






2013 2015 2017 2019 2021 2023 **2025** 2027 2029 2031 2033 2035 2037 2039 2041 2043

As partnership moves closer to long-term conservation goal stewardship and management needs take increasing focus





Set Long-term Goals

- **Document & Illustrate** Them -- By October
- 'Grow the Pie' Strategies
- Track Progress

Steps for Mapping Our Goals FARMS

GOAL

Protect the Chesapeake watershed's productive farms and prime farmland from conversion and secure space for urban farming to ensure permanent, sustainable 'close to home' sources of food for the region's population and to support the economic and cultural value of our working farms and farmers.

1

What data do we have?

Existing LandScope Data Layers

DE: State Agricultural Districts

DE: Agricultural Easements (DALPF)

DE: Forest Agricultural Easements (DALPF)

MD: Agricultural Priority Preservation Areas

MD: Rural Legacy Areas

VA: Agricultural Model (NHP)

VA: Agricultural and Forestal Districts

Chesapeake: Potential Prime Soils Actively Farmed

What data do we need?

Mapping Units (& Possible Data Sources)

Productive farms

- Century farms; important farms
- USDA Active Crop maps

Prime farm land

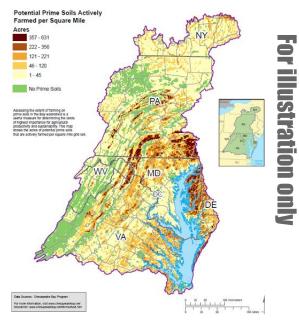
2

 USDA soils classification; already published under Esri Living Atlas?

Space for urban farming

- Community garden inventories from major cities – Baltimore, DC...
- American Community Gardening
- TPL

Ultimate Composite Map(s)



4

Map production

- 1. Compilation of Data
- 2. Preparation of composite map(s)
- 3. Inclusion of locally important lands relevant to goal
- 4. Consider future scenarios due to climate change

Who?

•••

FORESTS

GOAL

Protect the Chesapeake watershed's most ecologically and economically valuable forest land from conversion--headwater and riparian forests, large forest blocks, woodlots providing multiple values, and highly productive timber growing soils.



What data do we have?

Existing LandScope Data Layers

DE: Forest Agricultural Easements (DALPF)

MD: Green Infrastructure Network (DNR)

MD: Forests Important for Water Quality (DNR)

NY: Priority Large Forested Areas

NY: Priority Forest Blocks Linkage Zones

VA: Agricultural and Forestal Districts

VA: Forest Economics Model (NHP)

Chesapeake: Water Quality Protection

Chesapeake: Forest Economics

Chesapeake: Forest Legacy Areas

Chesapeake: High Value Forests

Chesapeake: Healthy Watersheds

North American Forests (CEC)

What data do we need?

Mapping Units (& Possible Data Sources) Headwater and riparian forests

- Headwater start with 1st or 2nd order streams - see how it looks.
- Riparian look at ongoing floodplain mapping - if complete would be better than arbitrary distance

Large forest blocks

Revisit size threshold - 100-500a?

Highly productive timber growing soils

 NRCS soils data layer - May have this in-house - may need to correlate prime soils data with forest cover.

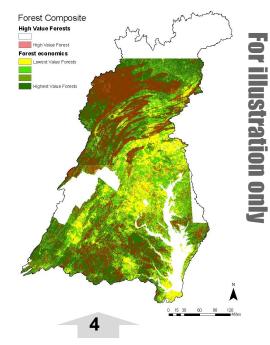
Woodlots providing multiple values

- [smaller parcels; need more criteria defined]
- More than XX% of parcel forested
- Minimum size threshhold?

Other sources:

USFS Forest Inventory Analysis (FIA)

Ultimate Composite Map(s)



Map production

- 1. Compilation of Data
- 2. Preparation of composite map(s)
- Inclusion of locally important lands relevant to goal
- 4. Consider future scenarios due to climate change

Who?

Forestry WG with USGS/CBP assist?

What data do we have? (52)

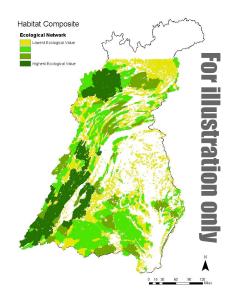
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HABITAT

GOAL

Protect a network of large natural areas and corridors sufficient to allow nature to respond to a changing climate and land development and to support thriving populations of native wildlife, migratory birds, fish and plants and sustain at-risk species.

Ultimate Composite Map(s)



What data do we need?

Mapping Units (& Possible Data Sources)

Network of large natural areas and corridors

- [meets criteria for: resilient to climate change; supporting thriving populations of native wildlife, migratory birds, fish and plants; sustaining at-risk species
- Many statewide and regional analyses available; also the national conservation blue print from TNC
- Get consensus on the best consolidated mapped view of this theme

Map production

- 1. Compilation of Data
- 2. Preparation of composite map(s)
- Inclusion of locally important lands relevant to goal
- 4. Consider future scenarios due to climate change

Who?

Habitat WG with USGS/CBP assist?

HERITAGE

What data do we have?

Existing LandScope Data Layers	
MD: Rural Legacy Areas	
MD: Historical Trust Easements	
MD: National Register of Historic Places	
MD: Heritage Areas	
MD: State Scenic Byways (MDOT)	
PA: Route 6 Heritage Area (DCNR)	
PA: Heritage Areas (DCNR)	
PA: Conservation Landscape Initiatives (DCNR)	
VA: Cultural Assets Model (NHP)	
VA: State Scenic Byways (VDOT)	
WV: Cacapon Historic Attractions	
NY: Parks and Historic Preservation Lands	
(OPRHP)	
Chesapeake: Journey Through Hallowed Ground	
<u>Viewshed (PEC)</u>	
Chesapeake: Captain John Smith Chesapeake	
National Historic Trail Conservation Priorities	
Chesapeake: Star-Spangled Banner National	
<u>Historic Trail Conservation Priorities</u>	
Chesapeake: Cultural Asset Density (weighted)	
Chesapeake Bay: Captain John Smith National	
Historic Trail	
Chesapeake Bay: Star-Spangled Banner Trail	
Chesapeake Bay: Potomac Heritage Trail	
Northeast: National Heritage Areas	
Civil War Battlefields (ABPP)	
Revolutionary War Battlefields (ABPP)	
War of 1812 Battlefields (ABPP)	
TO C. LOLL DUCTION (TIDE 1)	

National Park System Units

GOAL:

Protect the treasured landscapes of our collective heritage from development that would alter the scenery and character that conveys their importance -- along our designated trails and scenic rivers and byways, at our parks, and throughout our state and national heritage areas, valued cultural landscapes and historic districts.

What data do we need?

Mapping Units (& Possible Data Sources)

Designated trails, scenic rivers & byways

- Routes
- Corridors
- Viewsheds, contributing resources, etc.

Parks

- Boundaries
- Conservation priorities, etc.

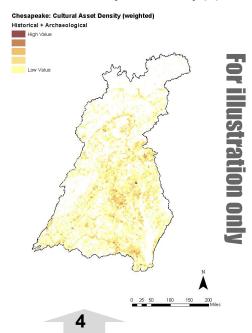
State & national heritage areas

- Boundaries,
- Internal priority areas, contributing resources, etc.

Cultural landscapes & Historic districts

- Districts From SHPO & NPS datasets
- Other state landscape mapping

Ultimate Composite Map(s)



Map production

- 1. Compilation of Data
- 2. Preparation of composite map(s)
- 3. Inclusion of locally important lands relevant to goal
- 4. Consider future scenarios due to climate change

Who?

NPS with PEC

3

HUMAN HEALTH

What data do we have?

Existing LandScope Data Layers PA: Major Greenways (DCNR) NY: Recommended Fishing Locations NY: DEC Accessible Outdoor Recreation **Destinations** NY: State Trails & Roads NY: NYSDEC and OPRHP trails (NYSDEC and OPRHP) NY: Parks and Historic Preservation Lands (OPRHP) VA: Birding & Wildlife Trail Sites (VADGIF) VA: Birding & Wildlife Trail Loops (VADGIF) VA: Recreational Assets Model (NHP) VA: Public Access Lands (NHP) Appalachian National Scenic Trail Chesapeake Bay: Captain John Smith National **Historic Trail** Chesapeake Bay: Star-Spangled Banner Trail Chesapeake Bay: Current and Potential Public **Access Sites** Chesapeake Bay: Potomac Heritage Trail **National Park System Units** Wild & Scenic Rivers **WV: Trails**

GOAL:

Provide people access to parks and trail networks within walking and biking distance of their homes and communities. Provide sufficient opportunities along waterways to ensure nearly all residents are within 30 minutes of reaching a public access site at water's edge.

What data do we need?

Mapping Units (& Possible Data Sources)

Existing parks and trails

• [locations, routes]

Park/trail gap areas

- [areas where parks/trails are outside walking/biking distance from homes & communities]
- TPL's ParkScore analyzes walkability and accessibility to public parks for people

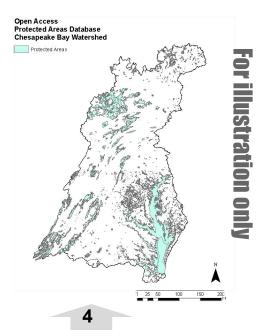
Existing public water access sites

• [locations]

Water access site gap areas

 [areas where population is greater than 30 minutes from water access site]

Ultimate Composite Map(s)



Map production

- 1. Compilation of Data
- 2. Preparation of composite map(s)
- Inclusion of locally important lands relevant to goal
- 4. Consider future scenarios due to climate change

Who?

 Public Access WG with NPS and USGS CBP staff