

























































































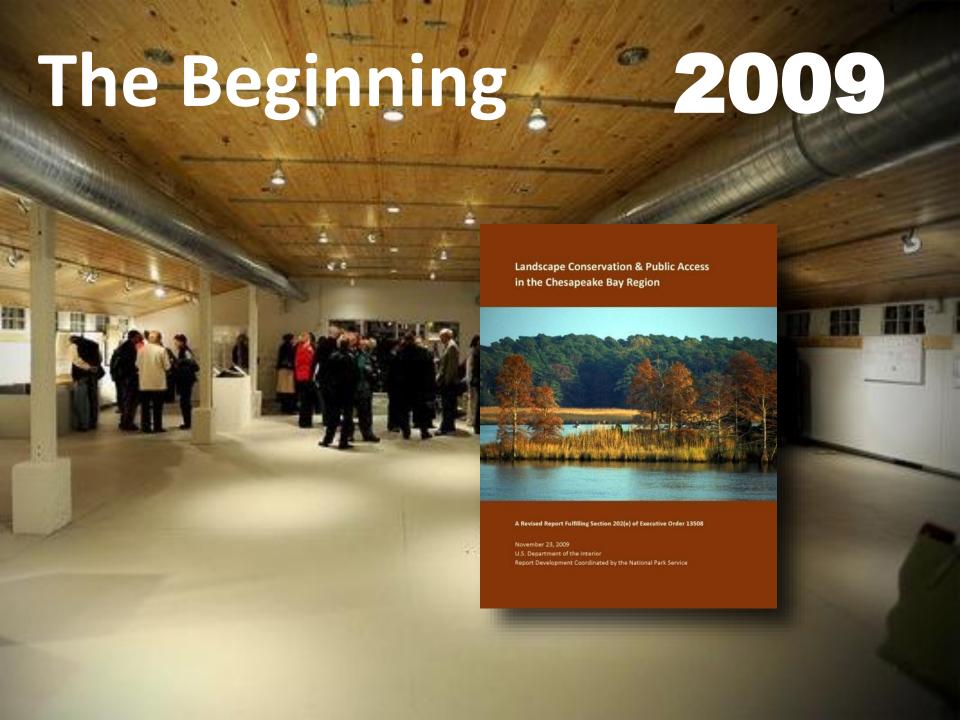






# 2019 10th Annual Working Meeting

# Joel Dunn Chesapeake Conservancy



# By 2025: 2 million acres 300 public access sites



### 2014

# Chesapeake Bay Watershed Agreement

"We envision an environmentally and economically sustainable Chesapeake Bay watershed with clean water, abundant life, conserved lands and access to the water, a vibrant cultural heritage and a diversity of engaged citizens and stakeholders."

### Chesapeake Bay Watershed Public Access Plan

January 2013

Prepared by the National Park Service in collaboration with the Commonwealths of Pennsylvania and Virginia, the States of Delaware, Maryland, New York, and West Virginia, and the District of Columbia.









# Rivers of the Chesapeake LWCF Collaborative



#### National Park Service U.S. Department of the Interior











# Enhancing the Partnership Chesapeake Large Landscape Conservation Partnership Report

Prepared by:
National Park Service Business Plan Initiative Consultants
Catherine Herbert & Phillip Olaleye
and the
NPS Chesapeake Bay Office

November 2013

































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



Chesapeake Bay Program Science. Restoration. Partnership

















America's Civil War Battlefield

edmont nvironmental ouncil

#### / vania

CONSERVATION SOURCES



















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

### **Our Guidelines**

Pooling our priorities gives greater influence.

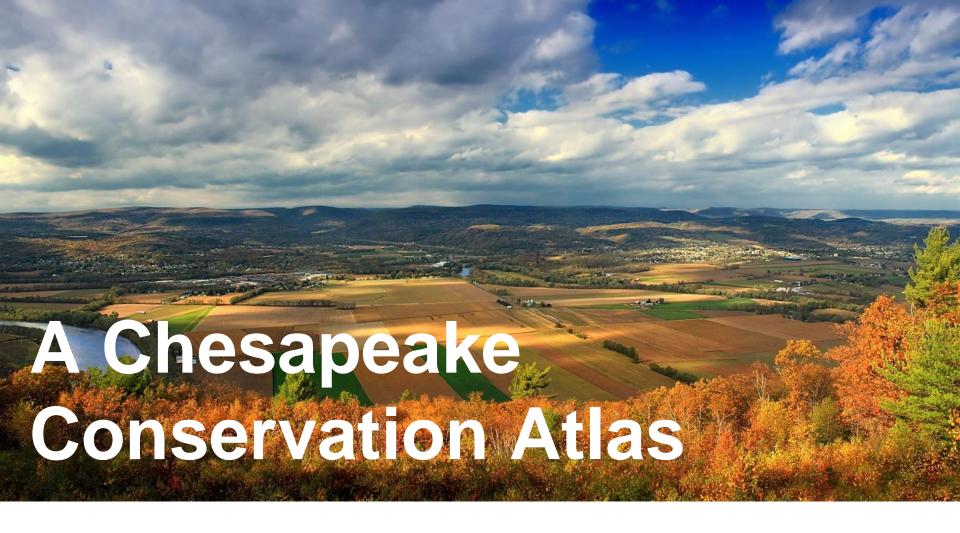
Everyone's land conservation goals and priorities are important.

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

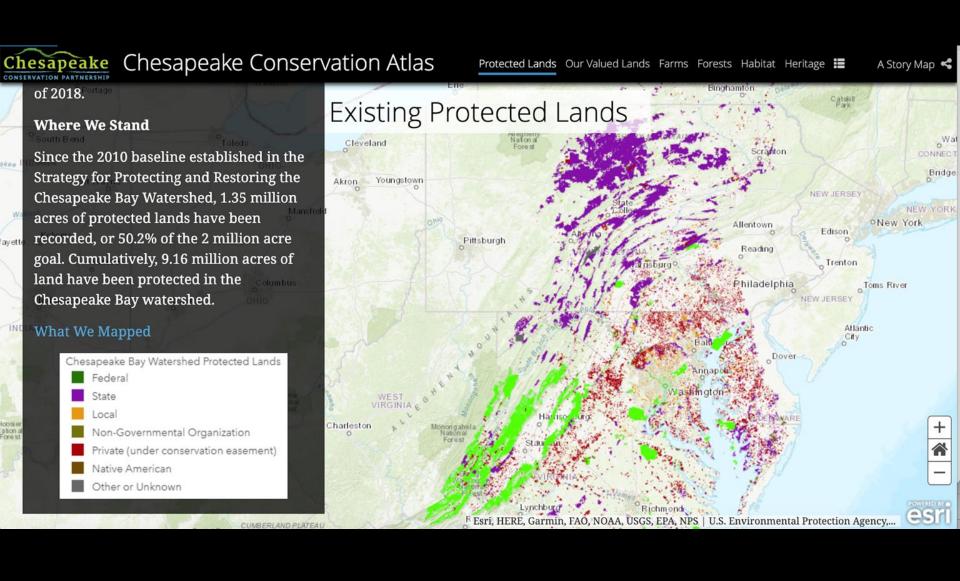
Dividing the pie is not our interest. Making the pie bigger is.

# **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** 







these numbers changing somewhat in the future as (a) higher resolution land cover data is put into use, and (b) we learn more about how climate change projections may affect habitat.

Note important habitat overlaps substantially with other conservation goals, particularly for forests and heritage.

#### What We Mapped

Legend

Habitat

Tier 1 Highly Important Habitats, Lands, and Waters

Tier 1 Highly Important Lands and Habitats

Tier 1 Highly Important Lands and Waters

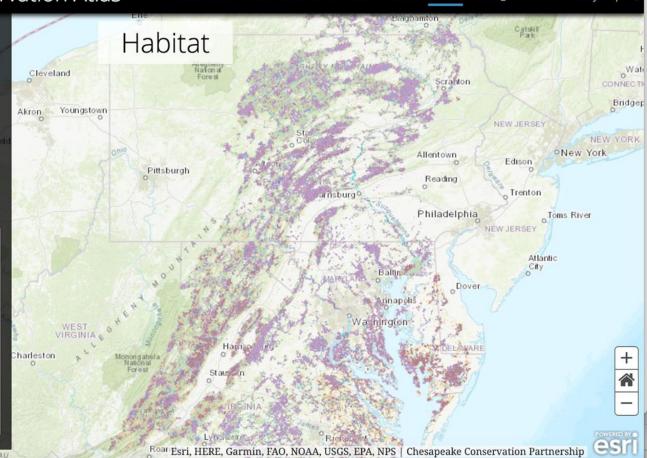
Tier 1 Highly Important Waters and Habitats

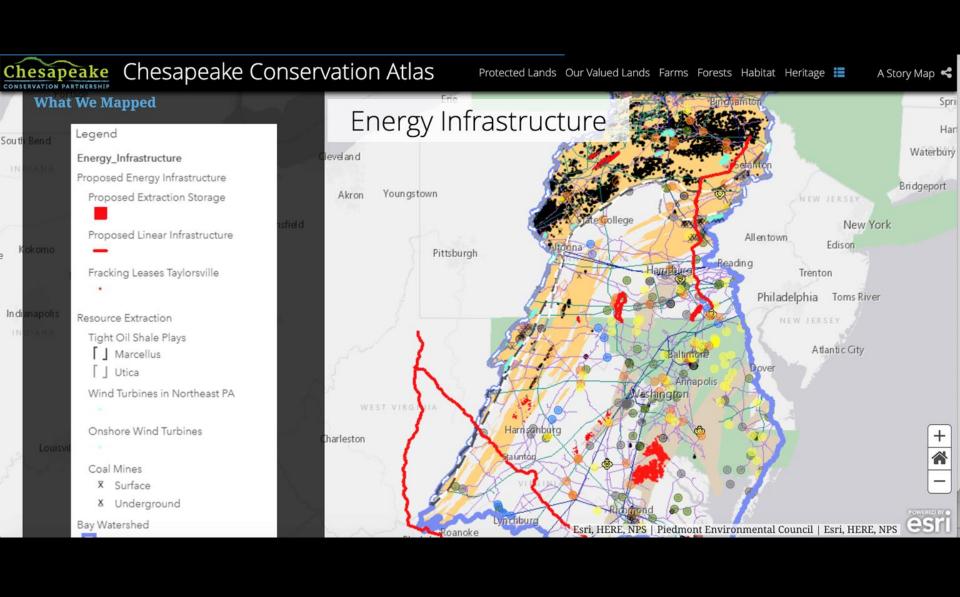
Tier 2 Important Habitats

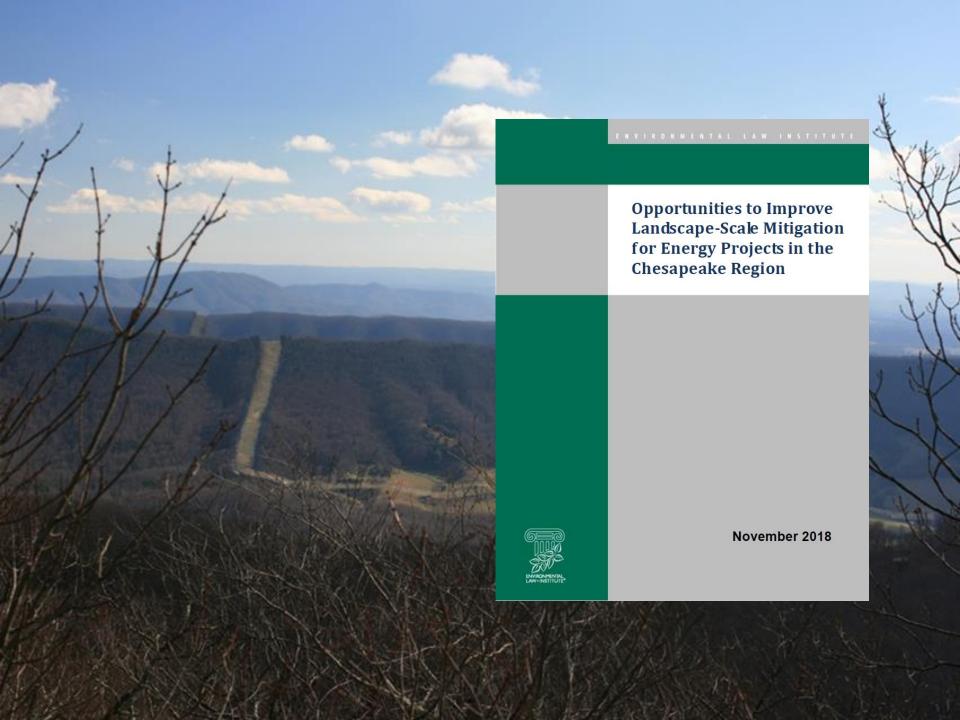
Tier 2 Important Lands

Tier 2 Important Waters

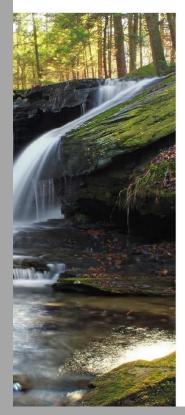
Tier 3 Land Connectors

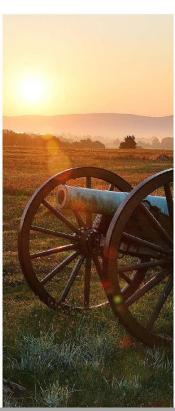




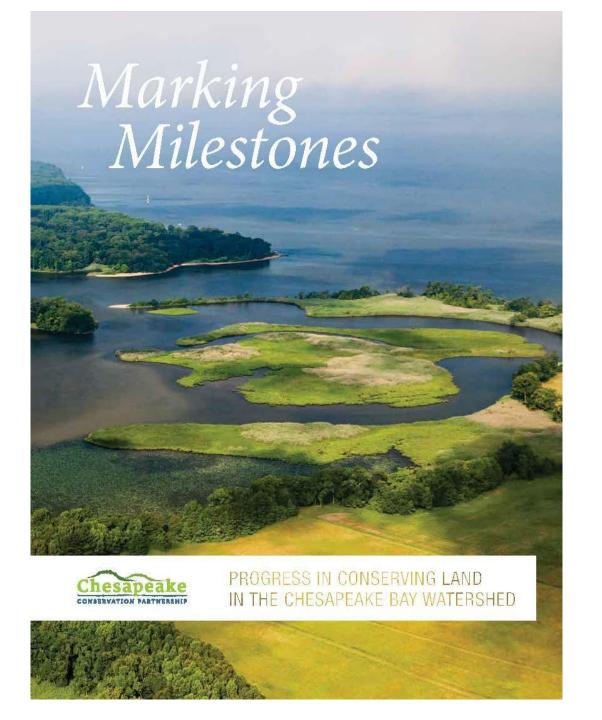




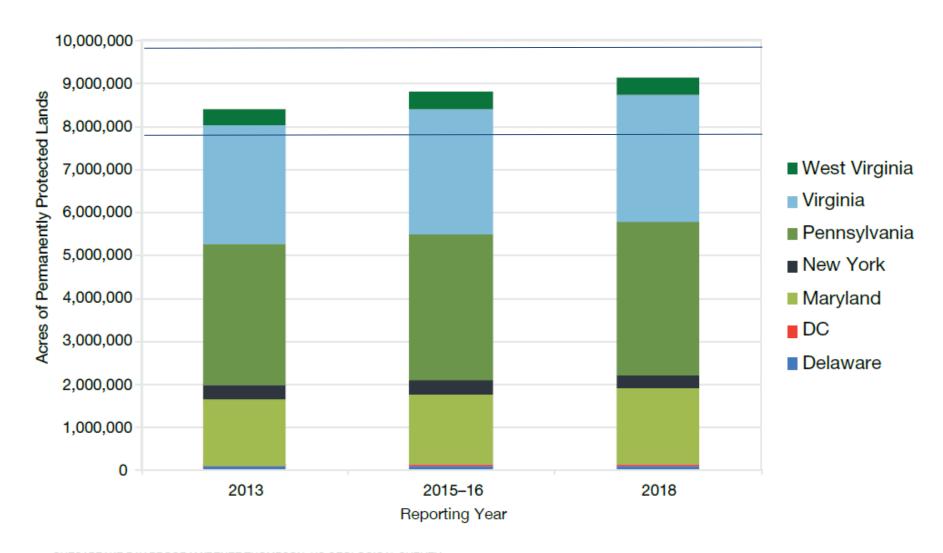








#### ACRES OF PROTECTED LAND IN THE CHESAPEAKE BAY WATERSHED BY JURISDICTION



#### 2018 SUCCESS STORY



Wild and wonderful White Horse Mountain, a new public recreation area in Hampshire County, West Virginia, overlooks the South Branch of the Potomac River for nearly six miles. Its forestlands are home to rare wildflowers and habitats, spectacular vistas, and outdoor fun.

© WILLIAM MACFARLAND, COURTESY OF MACFARLANDPHOTO.NET

#### Saving White Horse Mountain

West Virginia's White Horse Mountain is home to black bears, bald eagles, bobcats, white-tailed deer, and rare wildflowers. Almost entirely forested, it overlooks the South Branch of the Potomac River for nearly six miles and contains streams of clean water that eventually reach the Chesapeake. The Potomac Conservancy rescued the mountain from development and, in May 2018, transferred 1,725 forested acres to the state of West Virginia for a new public recreation area.

A conservation easement placed on the property ensures that all management activities safeguard water quality, wildlife habitat, and forest health, and permanently protects White Horse from subdivision, mining, road construction, and other threats. The conservation easement for White Horse Mountain also protects the adjacent Rock Dome Preserve, which includes three types of rocky habitat rare in West Virginia and globally: sandstone glades, acidic glades, and sandstone cliffs. The 8-acre preserve also supports two types of rare wildflowers: the oldfield toadflax—considered imperiled in West Virginia—and the eastern fameflower—considered critically imperiled. Saving an entire mountain was no easy feat. In the process, globally rare wildflowers and habitat were also saved.

#### STATEWIDE FUNDING LEVELS FOR STATE PROGRAMS SUPPORTING LAND PROTECTION -

Program	FY2016		FY2017		FY2018		FY2019	
	Overall Fund	Portion Allocated to Land Protection						
DELAWARE <sup>1</sup>								
Land Protection Act (Open Space Program)	0		0		0		9,000,000	9,000,00
Agricultural Lands Preservation Program	2,600,000	2,600,000	1,900,000		2,500,000		6,000,000	6,000,00
Forestland Preservation Program	0		0		0		1,000,000	
Young Farmers Program	400,000		600,000		500,000		3,000,000	
TOTAL DELAWARE	3,000,000	3,000,000	2,500,000	2,500,000	3,000,000	3,000,000	19,000,000	19,000,00
Rural Legacy	10,082,000	10,082,000	17,663,000		22,913,000		25,017,000	25,017,00
Program Open Space Stateside	21,602,000	21,602,000	13,868,000	13,868,000	27,976,000	27,976,000	48,532,000	48,532,00
Program Open Space Local	30, 134,000	12,300,000	21,690,000	8,900,000	37,213,000	15,200,000	53,287,000	22,500,00
Maryland Agricultural Land Preservation Foundation (MALPF)	26,100,000		21,200,000		32,900,000		48,900,000	
TOTAL MARYLAND	87,918,000	70,084,000	74,421,000	61,631,000	121,002,000	000, 686, 86	175,736,000	144,949,00
NEW YORK <sup>3</sup>								0
Environmental Protection Fund								
<ul> <li>Open Space Program</li> </ul>	26,550,000		40,000,000		36,349,000		35,000,000	
<ul> <li>Agricultural and Farmland Protection Program</li> </ul>	15,000,000	15,000,000	20,000,000	19,930,000	20,000,000	19,913,000	18,000,000	17,910,00
<ul> <li>Parks, Recreation and Historic Preservation (Municipal Parks)</li> </ul>	15,750,000		20,000,000		20,000,000		19,500,000	
Water Infrastructure Improvement	Act							
<ul> <li>Source Water Protection<sup>1</sup></li> </ul>	0		22,000,000		22,000,000		22,000,000	22,000,00
TOTAL NEW YORK	57,300,000	40,300,000	102,000,000	80,430,000	98,349,000	77,262,000	94,500,000	73,910,00
PENNSYLVANIA	S. 45							-
Keystone Recreation, Park and C	Conservation Fu	nd (DCNR)4, II						
<ul> <li>Park and Forest Facility Rehabilitation</li> </ul>	26,801,000	478,514	29,786,000	0	27,777,000	2,500,000	24,803,000	
Grants for Land Trusts	8,934,000	8,489,000	9,929,000	9,500,000	9,259,000	8,814,000	8,268,000	7,854,60
<ul> <li>Grants for Local Recreation<sup>y</sup></li> </ul>	22,334,000	2,500,000	24,823,000	2,600,000	23,148,000	2,700,000	20,669,000	N/
Oil and Gas Lease Fund (DCNR allocation)	50,000,000	500,000	61,291,000	0.	48,798,000	2,157,000	69,774,000	
Environmental Stewardship Fund (DCNR allocation)	16,714,000	1,433,460	20,800,000	758,500	15,823,000	343,000	15,227,000	

Funding levels represent statewide amounts, not amounts dedicated to the Chesapeake Bay watershed.

Table includes state funds only. It does not include any county, federal, or other matching funds which may be used in association with listed programs.

N/A indicates the funding level for that year/program was not available.

- Resources and Environmental Control. Data for other three programs provided by Delaware Department of Agriculture
- 2. Maryland data provided by Maryland Department of Natural Resources
- 3 New York data compiled by The Nature Conservancy
- 4. Keystone Fund, Oli and Gas Lease Fund, and Environmental Stewardship Fund data provided by Pennsylvania Department of Conservation and Natural
- Delaware Land Protection Act data provided by Delaware Department of Natural | | | Grants support park/recreation acquisition, development, and planning. Amount dedicated to acquisitions N/A
  - ii \$110 million appropriated in 2017 from bonded capital with anticipated 5-year spend down. Table depicts average annual amount for grants; actual annual could vary
  - iii Behects allocations to PA DCNR
  - iv FY19 allocation for land protection not yet available (N/A).

See Appendix for specific program descriptions.

Program	FY2016		FY2017		FY2018		FY2019	
	Overall Fund	Portion Allocated to Land Protection	Overall Fund	Portion Allocated to Land Prolection	Overall Fund	Portion Allocated to Land Protection	Overall Fund	Portion Allocated to Land Protection
PENNSYLVANIA (CONT.)								
Farmland Preservation <sup>5, y</sup>	36,000,000		36,000,000		37,000,000		38,000,000	
Marcellus Legacy Fund <sup>6</sup>								
<ul> <li>Greenways, Trails and Recreation Program<sup>e</sup></li> </ul>	11,187,747		8,766,477		9,882,804		10,586,673	N/A
<ul> <li>Watershed Restoration and Protection Program<sup>vii</sup></li> </ul>	1,019,097		1,986,538		1,820,000		1,993,682	
Mitigation Funds <sup>rii</sup>								
TOTAL PENNSYLVANIA	172,989,844	49,400,974	193,382,015	48,858,500	173,507,804	53,514,000	189,321,355	45,854,600
VIRGINIA								
Land Preservation Tax Credit <sup>7, b</sup>	59,968,175	59,968,175	75,000,000	75,000,000	75,000,000	64,723,579	75,000,000	N/A
Virginia Outdoors Foundation Operations <sup>x</sup>	3,255,240	3,255,240	3,284,226	3,255,240	4,324,636	4,324,636	1,752,750	1,752,750
Virginia Outdoors Foundation Preservation Trust Fund	750,000	750,000	2,000,000	2,000,000	900,000	900,000	0	0
Land Conservation Foundation	2,250,000		6,000,000		3,600,000		0	
Battlefield Preservation Fund			792,000		1,000,000		1,150,000	
Farmland Preservation Fund*.x	1,750,000		500,000		250,000		250,000	250,000
Restricted One-time Mitigation Funds <sup>16</sup>					60,700,000			
TOTAL VIRGINIA <sup>9</sup>	67,973,415		87,576,226		145,774,636	122,998,215	78,152,750	3,152,750
WEST VIRGINIA								
Farmland Protection Program <sup>10,x8</sup>	777,402		748,164		783,174		N/A	
Outdoor Heritage Conservation Fund Grant Program <sup>51, xiv</sup>	388,701		374,082		391,587		N/A	
Outdoor Heritage Conservation Fund/DNR Funding <sup>ks</sup>	388,701		374,082		391,587		N/A	
DNR Wildlife Resources Land Acquisition <sup>12</sup>	N/A		4,040,000		4,720,000		4,360,000	4,360,000
In-Lieu Fee Program <sup>W</sup>	N/A		2,100,000		4,300,000		3,700,000	
TOTAL WEST VIRGINIA	1,554,804	1,554,804	7,636,328	5,536,328	10,586,348	6,286,348	8,060,000	4,360,000
TOTAL WATERSHED STATES	390,736,063	232,313,193	467,515,569	286,503,068	552,219,788	362,049,563	564,770,105	291,226,350

- 5 Farmland Preservation Fund data provided by Pennsylvania Department of Agriculture
- 6 Marcellus Legacy Fund data provided by Pennsylvania Department of Community and Economic Development
- 7. Virginia Land Preservation Tax Credit data provided by Virginia Outdoors Foundation and Virginia Department of Taxation
- 8 Farmland Preservation Fund data provided by Virginia Department of Agriculture and Consumer Services
- 9 All other Virginia data provided by Virginia Department of Conservation and Recreation 10. Farmland Protection Program data provided by West Virginia Department of Agriculture
- 11. Cutdoor Heritage Conservation Fund data provided
- 12. DNR Wildlife Resources data provided by West

- Funding level represents annual state funding threshold allocation to the Pennsylvania Agricultural Land Preservation Board
- vi Allocation for land protection not available. Most funded projects are not for land protection, but a portion are Totals are grants approved in fall of the FY by the Commonwealth Financing Authority from the Marcellus Legacy Fund
- vii Allocation for land protection is not available. Most funded projects are not for land protection. Totals are grants approved in fall of the FY by the Commonwealth Financing Authority from the Marcellus Legacy Fund
- viii This program is not active yet. ix Income tax credit for donated land or easements;
- total available credit level limited to \$75M per year. by West Virginia Outdoor Hentage Conservation Fund FY18 represents tax credit applied for in CY18, but not yet formally approved by VA Department of Taxation Virginia Department of Natural Resources as of 05/09/2019, 2019 values not yet available.

- x Covers VOF Operations: General Fund Appropriation; Recordation Fees, LPTC Transfer Fee, Private Contributions, Cost-Recovery Fees, FY19 values only represent partial data available.
  - xi Provides a 1.1 match in grant funds to county purchase of development rights (PDR) programs throughout the state
  - xii One-time funds resulting from settlements to mitigate direct impacts to natural and/or cultural resources, including: DuPont, Surry-Skiffes Creek, and Mountain Valley Pipeline. Funds restricted for certain purposes and geographies
  - xii, xiv, xv FY19 level not yet available, but projected as smilar to prior years.

xvi. Land protection allocation not available. See Appendix for specific program descriptions.

MARKING MILESTONES PROGRESS IN CONSERVING LAND IN THE CHESAPEAKE BAY WATERSHED MARKING MILESTONES: PROGRESS IN CONSERVING LAND IN THE CHESAPEAKE BAY WATERSHED

### **States:**

\$300 million +

Federal:

~ \$30 million

#### Calculating the Economic Value of Farmland Preservation — One County's Example

ancaster County, Pennsylvania, on the east side of the Susquehanna River, is widely known for its Amish heritage, rich agriculture, and conservation legacy. For decades, the Lancaster County Agricultural Preservation Board and the Lancaster Farmland Trust have worked to preserve the county's farmland. By 2013, more than 100,000 acres were in farmland preservation, the first county in the nation to reach this mark.

A 2014 study by Earth Economics examined the value of the county's natural capital and the subset of that which is already protected.\* The study found low- and high-end annual values of the ecosystem services provided by natural resources county-wide: \$222 million (low) and \$1.1 billion (high). Preserved lands provide between \$33 million and \$231 million of these services. The study also calculated the asset value of the county's natural capital. Treated as an asset that provides the same value over 100 years, natural resources have an asset value of \$22 billion (low) to \$114 billion (high). Preserved lands contribute \$3 billion to \$23 billion of that amount.

Between county, state, and federal funding, Lancaster County has invested \$226 million in farmland preservation over several decades. Given that the ecosystem services provided by these lands would be lost permanently if the land had been developed, the study results demonstrate the high return on investment obtained by farmland preservation programs.



Brubaker Farms, Lancaster County, Pennsylvania
CHESAPEAKE BAY PROGRAMSTEVE DROTER

\* Schwartz, A., and Kocian, M. Beyond Food: The Environmental Benefits of Agriculture in Lancaster County, Pennsylvania. Earth Economics, Tacoma, WA, 2014. Available online at https://www.eartheconomics.org/all-publications/ 2015/3/1/beyond-food-the-environmental-benefits-of-agriculture-in-lancastercounty-pennsylvania?rq=Aaron%20Schwartz





While partners in the Chesapeake conservation movement can be proud of the progress shown in the data and examples provided in this status report, we recognize the need to accelerate our collective efforts to conserve land to protect and enhance the quality of life for all people in the watershed.

There is an urgency about this. Construction of pipelines and transmission lines threatens to fragment and diminish many places in the region that local residents care about. Increased precipitation and sea-level rise combined with forest loss are causing record-breaking flooding. Scientists across the world warn of dangerously high rates of loss of vital habitats that sustain species and ecosystems. Data over the past five decades show temperatures in virtually every part of the Chesapeake watershed are getting consistently warmer. Population in the watershed is projected to increase from the current 18 million to 22.5 million by 2050, putting additional stresses on the region's resources.

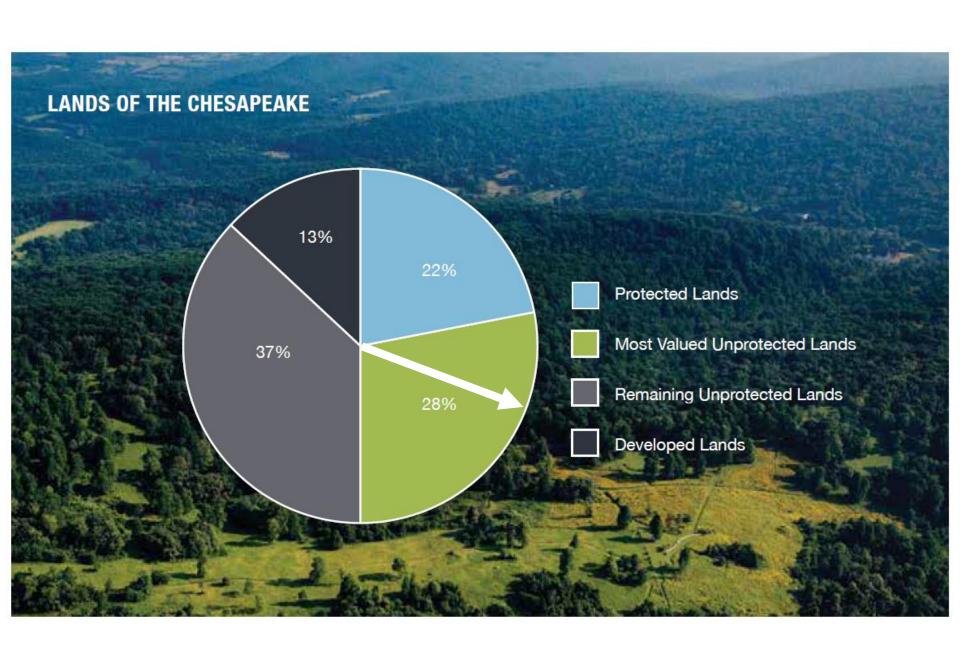
Conserving land directly addresses these and other challenges. In almost all cases, land conservation provides multiple benefits. Conserving and restoring wetlands "stacks" best management practices for improving water quality and improving resiliency to flooding and sea-level rise. Preserving intact forests provides a wide range of ecosystem services.

There is great reason for hope here in the Chesapeake watershed. But we can—and must—do more to build on the progress already evident. The following are near-term priority actions the Chesapeake Conservation Partnership will pursue to advance Chesapeake conservation.

Native wildlife and migratory species need large natural areas and comidors to thrive in the watershed and beyond PHOTO: CHESAPEAKE BAY PROGRAMMILL PAIRSON









## Wendy O'Sullivan

**Superintendent** 











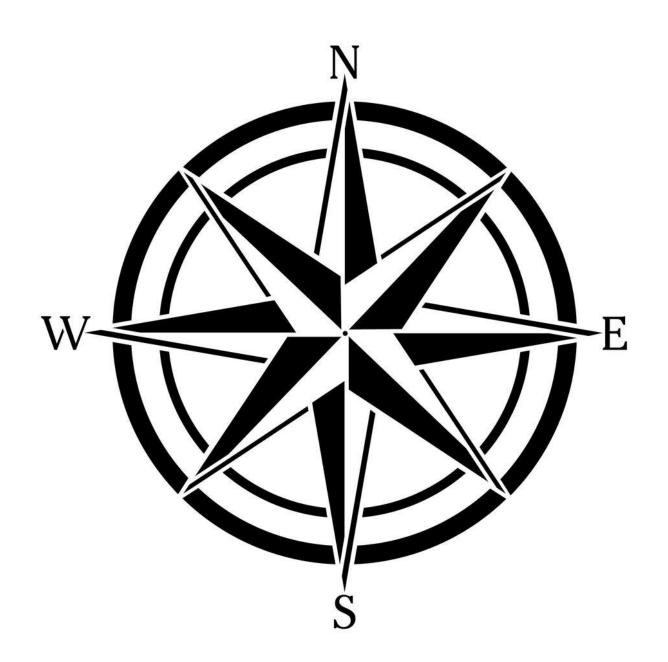








# ANDMARK MUSIC FESTIVAL



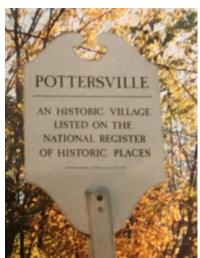




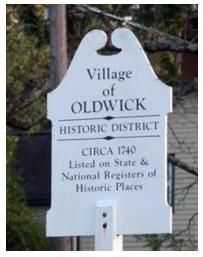








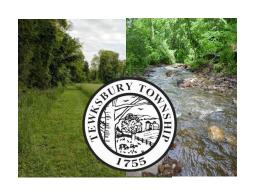






























































A program of the National Park Foundation, Antional Parks.org

























## LANDMARK MUSIC FESTIVAL FOR THE NATIONAL MALL • SEPT. 26-27, 2015

TORSES - THE STROMS - ALTH - OPRIORS - THE HOWING - ORDERED - BARD OF REFILE - BADOL - THE WAR DA BADOS - TH ON THE BADOL CORRECTION - ALTH DESIGN - GODD HOWN - WALL - BADOCHER CORRECTION - THE BADOL - THE BADOL WAS A THE WITH THE PRINTS - BADOL - THE BADOL

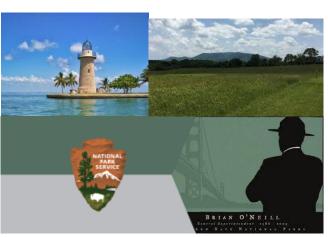


































#### **Chesapeake Bay Office**





# **Chesapeake Bay Initiative Act of 1998**

"... shall provide technical and financial assistance in cooperation with other Federal agencies, State and local governments, nonprofit organizations, and the private sector ... to identify, conserve, restore, and interpret natural, recreational, historical, and cultural resources within the Chesapeake Bay Watershed; ..."



The Chesapeake Bay Program partners envision an environmentally and economically sustainable Chesapeake Bay watershed with clean water, abundant life, conserved lands and access to the water, a vibrant cultural heritage, and a diversity of engaged citizens and stakeholders.

2 0 1 4

## GOALS & OUTCOMES (NPS as Lead)

- Stewardship
- Land Conservation
- Public Access
- Environmental Literacy

#### **GOALS & OUTCOMES**



The Chesapeake Bay Program partners envision an environmentally and economically sustainable Chesapeake Bay watershed with clean water, abundant life, conserved lands and access to the water, a vibrant cultural heritage, and a diversity of engaged citizens and stakeholders.

2 0 1 4

Land Conservation

#### **GOALS & OUTCOMES**



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2 0 1 4

Land Conservation

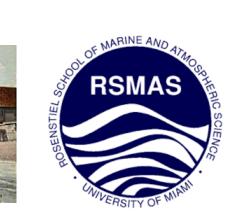
"Launch a public awareness campaign to share ... information with citizens, local governments, elected officials and stakeholders."





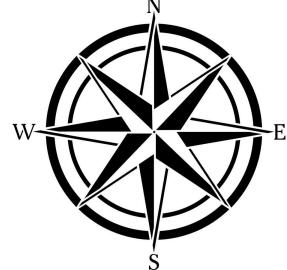




















#### **PURPOSE:**

- Ten years ago, we gathered for the first time
- A decade of success and a stronger commitment to land conservation throughout the Chesapeake watershed have followed
- Now we focus on the crucial challenges ahead:
  - engaging the conservationists needed for the next ten years of success and beyond
  - responding to the climate crisis

**MONDAY, OCTOBER 21** 

10:30 am Welcome, Context, and Agenda Overview

11:15 am Brent Leggs - Telling & Preserving a Full

**Story** 

12:10 pm Partnership Updates 1

**12:15 pm Lunch** 

1:30 pm Success Stories 1

1:40 pm Urban Areas, Demographics &

**Conservation** 

2:30 pm Break

2:50 pm Success Stories 2

3:00 pm Urban/Demographics (cont.)

**MONDAY, OCTOBER 21** 

4:30 pm Partnership Initiatives Update 2

5:00 pm Reflections & Preview

5:15 pm Head to dinner

7:30 pm A Visit with John Muir

**TUESDAY, OCTOBER 22** 

8:30 am Agenda Review, Reflections from

Day 1

8:35 am Success Stories 3

9:00 am Climate Crisis and Forest

**Conservation** 

10:00 am Break

10:20 am Climate Crisis and Forest

(continued)

11:00 am Partnership Initiatives Updates 3

11:15 pm Strategic Direction

12:20 pm Closing Thoughts

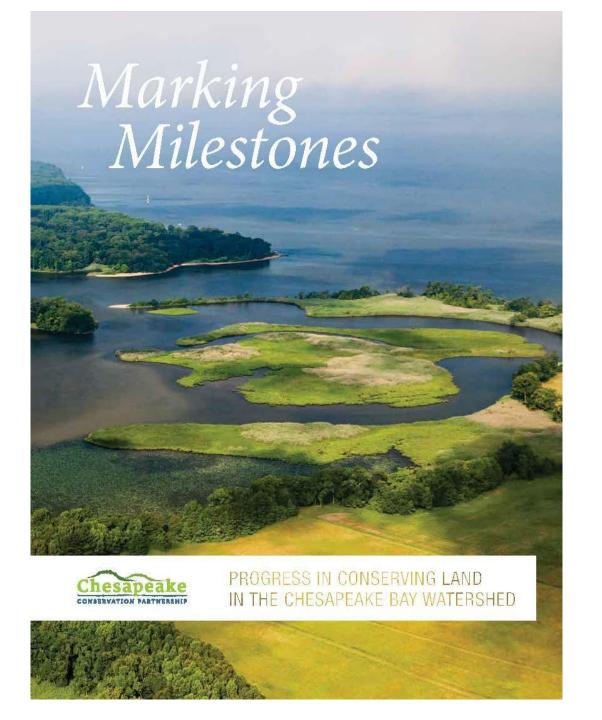
## **Brent Leggs**







# Initiative Updates 1: Next Steps in Assessing Land Conservation Funding



#### STATEWIDE FUNDING LEVELS FOR STATE PROGRAMS SUPPORTING LAND PROTECTION -

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	Overall Fund	Portion Allocated to Land Protection						
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TOTAL DELAWARE	3,000,000	3,000,000	2,500,000	2,500,000	3,000,000	3,000,000	19,000,000	19,000,00
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<ul> <li>Park and Forest Facility Rehabilitation</li> </ul>	26,801,000	478,514	29,786,000	0	27,777,000	2,500,000	24,803,000	
Grants for Land Trusts	8,934,000	8,489,000	9,929,000	9,500,000	9,259,000	8,814,000	8,268,000	7,854,60
<ul> <li>Grants for Local Recreation<sup>y</sup></li> </ul>	22,334,000	2,500,000	24,823,000	2,600,000	23,148,000	2,700,000	20,669,000	N/
Oil and Gas Lease Fund (DCNR allocation)	50,000,000	500,000	61,291,000	0.	48,798,000	2,157,000	69,774,000	
Environmental Stewardship Fund (DCNR allocation)	16,714,000	1,433,460	20,800,000	758,500	15,823,000	343,000	15,227,000	

Funding levels represent statewide amounts, not amounts dedicated to the Chesapeake Bay watershed.

Table includes state funds only. It does not include any county, federal, or other matching funds which may be used in association with listed programs.

N/A indicates the funding level for that year/program was not available.

- Resources and Environmental Control. Data for other three programs provided by Delaware Department of Agriculture
- 2. Maryland data provided by Maryland Department of Natural Resources
- 3 New York data compiled by The Nature Conservancy
- 4. Keystone Fund, Oli and Gas Lease Fund, and Environmental Stewardship Fund data provided by Pennsylvania Department of Conservation and Natural
- Delaware Land Protection Act data provided by Delaware Department of Natural | | | Grants support park/recreation acquisition, development, and planning. Amount dedicated to acquisitions N/A
  - ii \$110 million appropriated in 2017 from bonded capital with anticipated 5-year spend down. Table depicts average annual amount for grants; actual annual could vary
  - iii Behects allocations to PA DCNR
  - iv FY19 allocation for land protection not yet available (N/A).

See Appendix for specific program descriptions.

Program	FY2016		FY2017		FY2018		FY2019	
	Overall Fund	Portion Allocated to Land Protection	Overall Fund	Portion Allocated to Land Prolection	Overall Fund	Portion Allocated to Land Protection	Overall Fund	Portion Allocated to Land Protection
PENNSYLVANIA (CONT.)								
Farmland Preservation <sup>5, y</sup>	36,000,000		36,000,000		37,000,000		38,000,000	
Marcellus Legacy Fund <sup>6</sup>								
<ul> <li>Greenways, Trails and Recreation Program<sup>e</sup></li> </ul>	11,187,747		8,766,477		9,882,804		10,586,673	N/A
<ul> <li>Watershed Restoration and Protection Program<sup>vii</sup></li> </ul>	1,019,097		1,986,538		1,820,000		1,993,682	
Mitigation Funds <sup>rii</sup>								
TOTAL PENNSYLVANIA	172,989,844	49,400,974	193,382,015	48,858,500	173,507,804	53,514,000	189,321,355	45,854,600
VIRGINIA								
Land Preservation Tax Credit <sup>7, b</sup>	59,968,175	59,968,175	75,000,000	75,000,000	75,000,000	64,723,579	75,000,000	N/A
Virginia Outdoors Foundation Operations <sup>x</sup>	3,255,240	3,255,240	3,284,226	3,255,240	4,324,636	4,324,636	1,752,750	1,752,750
Virginia Outdoors Foundation Preservation Trust Fund	750,000	750,000	2,000,000	2,000,000	900,000	900,000	0	0
Land Conservation Foundation	2,250,000		6,000,000		3,600,000		0	
Battlefield Preservation Fund			792,000		1,000,000		1,150,000	
Farmland Preservation Fund*.x	1,750,000		500,000		250,000		250,000	250,000
Restricted One-time Mitigation Funds <sup>16</sup>					60,700,000			
TOTAL VIRGINIA <sup>9</sup>	67,973,415		87,576,226		145,774,636	122,998,215	78,152,750	3,152,750
WEST VIRGINIA								
Farmland Protection Program <sup>10,x8</sup>	777,402		748,164		783,174		N/A	
Outdoor Heritage Conservation Fund Grant Program <sup>51, xiv</sup>	388,701		374,082		391,587		N/A	
Outdoor Heritage Conservation Fund/DNR Funding <sup>ks</sup>	388,701		374,082		391,587		N/A	
DNR Wildlife Resources Land Acquisition <sup>12</sup>	N/A		4,040,000		4,720,000		4,360,000	4,360,000
In-Lieu Fee Program <sup>W</sup>	N/A		2,100,000		4,300,000		3,700,000	
TOTAL WEST VIRGINIA	1,554,804	1,554,804	7,636,328	5,536,328	10,586,348	6,286,348	8,060,000	4,360,000
TOTAL WATERSHED STATES	390,736,063	232,313,193	467,515,569	286,503,068	552,219,788	362,049,563	564,770,105	291,226,350

- 5 Farmland Preservation Fund data provided by Pennsylvania Department of Agriculture
- 6 Marcellus Legacy Fund data provided by Pennsylvania Department of Community and Economic Development
- 7. Virginia Land Preservation Tax Credit data provided by Virginia Outdoors Foundation and Virginia Department of Taxation
- 8 Farmland Preservation Fund data provided by Virginia Department of Agriculture and Consumer Services
- 9 All other Virginia data provided by Virginia Department of Conservation and Recreation 10. Farmland Protection Program data provided by West Virginia Department of Agriculture
- 11. Cutdoor Heritage Conservation Fund data provided
- 12. DNR Wildlife Resources data provided by West

- Funding level represents annual state funding threshold allocation to the Pennsylvania Agricultural Land Preservation Board
- vi Allocation for land protection not available. Most funded projects are not for land protection, but a portion are Totals are grants approved in fall of the FY by the Commonwealth Financing Authority from the Marcellus Legacy Fund
- vii Allocation for land protection is not available. Most funded projects are not for land protection. Totals are grants approved in fall of the FY by the Commonwealth Financing Authority from the Marcellus Legacy Fund
- viii This program is not active yet. ix Income tax credit for donated land or easements;
- total available credit level limited to \$75M per year. by West Virginia Outdoor Hentage Conservation Fund FY18 represents tax credit applied for in CY18, but not yet formally approved by VA Department of Taxation Virginia Department of Natural Resources as of 05/09/2019, 2019 values not yet available.

- x Covers VOF Operations: General Fund Appropriation; Recordation Fees, LPTC Transfer Fee, Private Contributions, Cost-Recovery Fees, FY19 values only represent partial data available.
  - xi Provides a 1.1 match in grant funds to county purchase of development rights (PDR) programs throughout the state
  - xii One-time funds resulting from settlements to mitigate direct impacts to natural and/or cultural resources, including: DuPont, Surry-Skiffes Creek, and Mountain Valley Pipeline. Funds restricted for certain purposes and geographies
  - xii, xiv, xv FY19 level not yet available, but projected as smilar to prior years.

xvi. Land protection allocation not available. See Appendix for specific program descriptions.

MARKING MILESTONES PROGRESS IN CONSERVING LAND IN THE CHESAPEAKE BAY WATERSHED MARKING MILESTONES: PROGRESS IN CONSERVING LAND IN THE CHESAPEAKE BAY WATERSHED

#### For 2020:

- 1. FY 2019 & 2020 updates
- 2. Local Funding
- 3. On-line Access

#### **On-line Access**

Make program descriptions and funding levels accessible on-line.

Step 1: Conduct stakeholder and user research to determine the needs of each group and the best approach to meeting needs.

#### Who?

- Practitioners who use funding trying to get funding/property
- Policymakers, legislators, program managers who set policy or funding (learn from others)
- Advocates for enhanced funding

Meg McNeilly - lunch, break, dinner, breakfast (159 I-West is available)



#### **Success Stories 1:**

Josh Saks, Deputy Secretary of Natural Resources, Commonwealth of Virginia

Nita Settina, Superintendent, Maryland Park Service

#### Josh Saks, Deputy Secretary of Natural Resources, Commonwealth of Virginia



#### Working Together to Make Connections





#### Sandy Point State Park





#### NPS & Chesapeake Conservancy Partnership



Credit: Michael Bowman/Chesapeake Conservancy



## Forming relationships with the Latino community







#### Interpretive Programs



Credit: Will Grinnell/Chesapeake Conservancy



#### **Conservation Jobs Corps**





#### Job skills





#### Life Skills





## "Oooooh, ahhhhhh!"





### Making a difference through service







## New Experiences







### CJC Graduation Ceremony





## Thank you!







# Urban Communities, Demographics and Land Conservation

## Mapping

#### **Table Talk**

Work individually using your worksheet

Then share, round robin, making sure everyone is participating

Be prepared to share some of your best ideas

#### **Conversation Questions**

What are the most significant conservation challenges in urban areas (based upon what we learned today and your knowledge)?

How might the CCP and its Partners develop conservation initiatives which meet the selfidentified needs of urban, diverse and disadvantaged communities?



#### **Success Stories 2:**

John McCarthy, Piedmont Environmental Council Brett Glymph, Virginia Outdoors Foundation

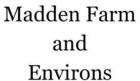






#### **Madden Farm**

- 348.21-acre property in Culpeper County, Virginia
- Located in Chancellorsville Battlefield Study Area
  - Leased for commodity-level crop production
    - 87% prime & statewide significant soils







Madden Farm

Conservation Easements

Public Lands

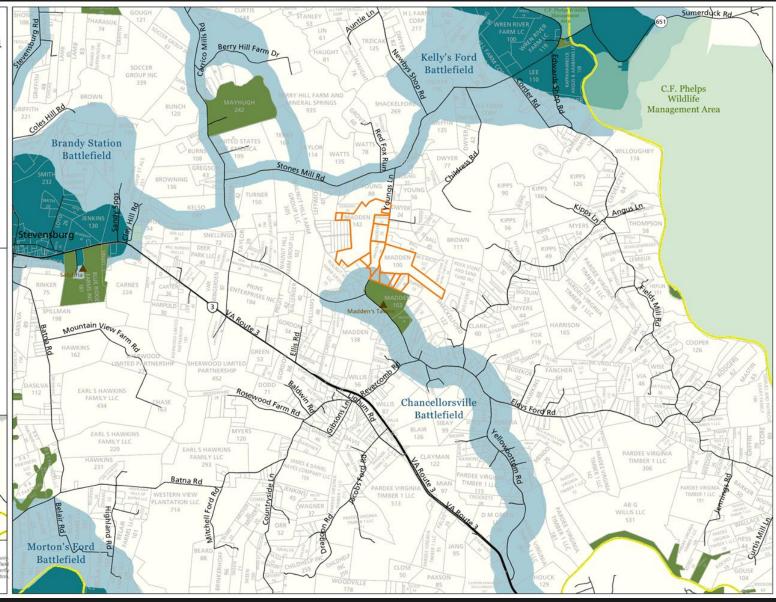
Core Battle Area
Study Battle Area

National Register Sites

0 1



Map created by PEC for presentation purposes only Data source: Culpeper County, American Battefield Protection Program. Although efforts have been made to verify data, accuracy is not guaranteed. For more information please visit www.pecva.org. 1/1/12017 | WARRENTON | JWR





#### Madden Farm Aerial



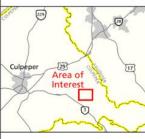


Madden Farm

Conservation Easements

National Register Sites

0 1,000 L JFeet



Map created by PEC for presentation purposes only. Data source: Culpeper County, National Agricultural Imagery Program. Although efforts have been made to verify data, accuracy is not guaranteed. For more information, please visit www.pecva.org. 1/1/2017 | WARRENTON J JWR



#### Madden Farm Soils





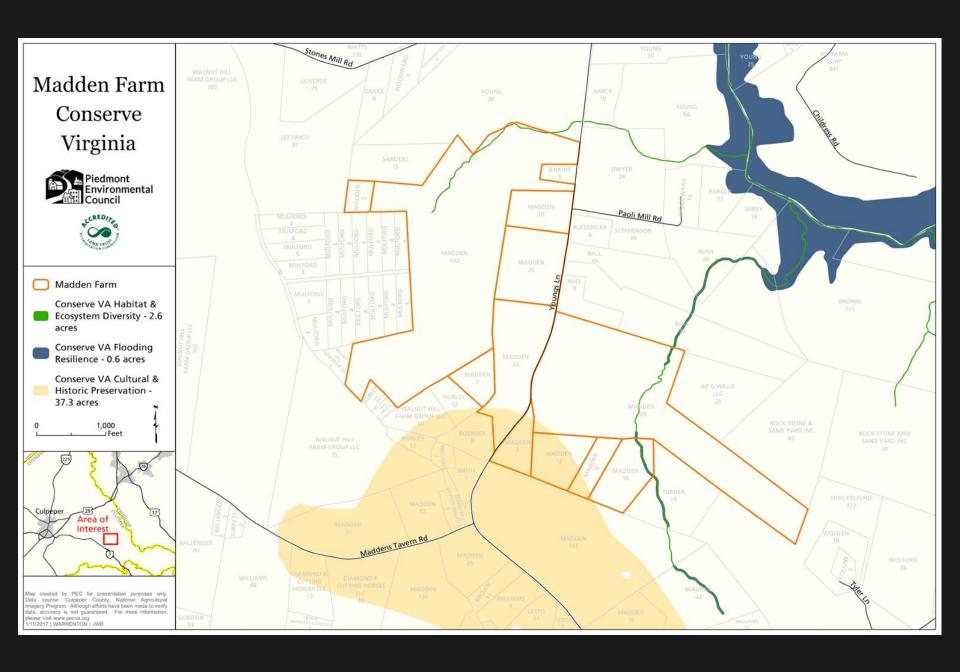
- Madden Farm
  - National Register Sites
- All areas are prime farmland - 23 acres
- Farmland of statewide importance -280 acres

1,000 Feet



Map created by PEC for presentation purposes only. Data source: Culpeper County, National Agricultural Imagesy Program. Although efforts have been made to verify data, accuracy is not guaranteed. For more information, please visit www.pecva.org. 1/11/2017 [WARRENTON JWR









## Brett Glymph, Virginia Outdoors Foundation

https://www.nbcnews.com/nightly-news/video/recovering-a-piece-of-black-american-history-in-virginia-67426885511



# Urban Communities, Demographics and Land Conservation (continued)

## **Table Talk**

Work individually using your worksheet

Then share, round robin, making sure everyone is participating

Be prepared to share some of your best ideas

# **Conversation Questions**

What are the most significant conservation challenges in urban areas (based upon what we learned today and your knowledge)?

How might the CCP and its Partners develop conservation initiatives which meet the selfidentified needs of urban, diverse and disadvantaged communities?



# Draft Strategic Plan (3-5 Years)

Goals

Strategies

**Actions** 

### **Shorter-term Goals**

### 2 million acres

By 2025, protect an additional two million acres of lands throughout the watershed — currently identified as high-conservation priorities at the federal, state, or local level—including 225,000 acres of wetlands and 695,000 acres of forest land of highest value for maintaining water quality.

### 300 access sites

By 2025, add 300 new public access sites, with a strong emphasis on providing opportunities for boating, swimming, and fishing, where feasible.

1.36 M acres (68%)

176 sites (59%)

# **Long-term Goals**



**Farms** 



**Forests** 



**Habitat** 

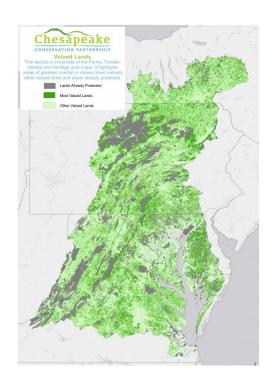


Heritage

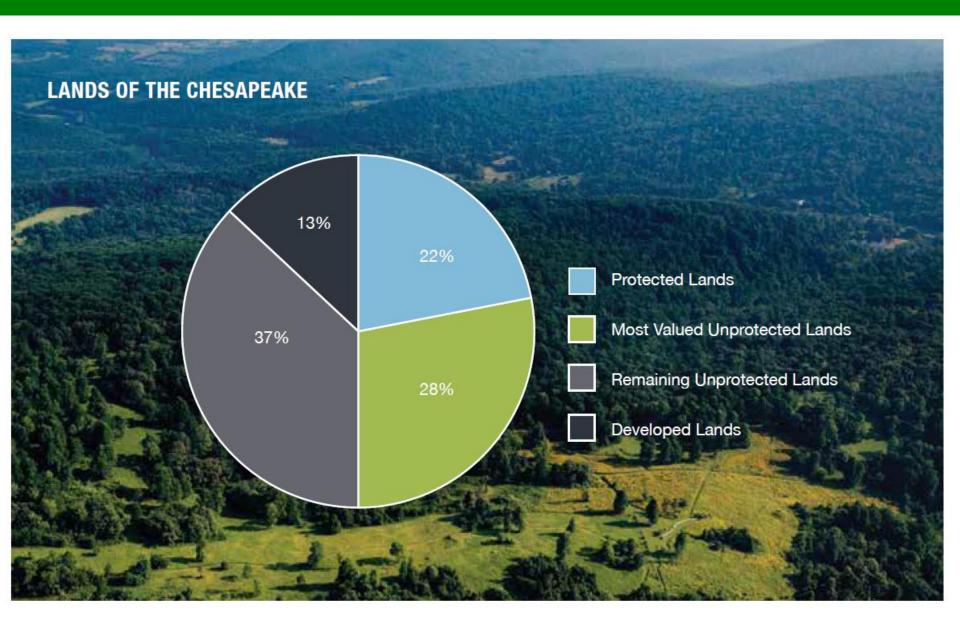


Human Health

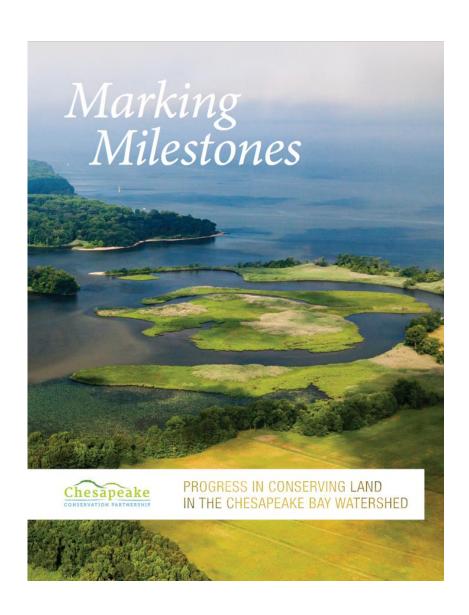
### **Most Valued Lands**



# **Long-term Goals**



# Long-term Goals



30% by 2030
An additional 3.1
million acres from 2018
level

## Who

### **Chesapeake Conservation Partnership**

State Associations e.g. VaULT, PALTA

Regional Partnerships

Communities,
Organizations &
Agencies

# **Five Core Strategies**



# Provide Watershed-wide Conservation Data and Analysis

Fill gaps; carry out analyses too costly for individual organizations to conduct; assess crucial issues.



# **Engage an Inclusive, New Generation of Conservationists**

Assist member organizations in assembling and carrying out communications and engagement strategies that build and engage this and future generations of conservationists.

# **Five Core Strategies**

3

### **Expand Land Conservation Financing**

Assess and share watershed-wide financing levels; pursue development of new finance streams; work with and through members to support public and private financing programs.

4

### **Pursue Conservation Policy**

Develop and analyze land conservation policy options to support member agencies and organizations.

5

### **Build Capacity of Partnership and its Members**

Collaborate with member organizations and external sources to grow Partnership's operational funding and finance specific initiatives.



# **Initiative Updates 2:**

**Messaging Initiative** 

Scenic Landscape Impact Assessment Methodology

Drinking Water Source Protection Mapping





Narrative

# Narrative frame: Land conservation protects our quality of life.

### **Narrative Formula**

#### **VALUES**

The land you live on and around shapes your life.

Land can be as essential as your source of income or as profound as your place for peace and tranquility. Both ends – and everything in between – connect your quality of life to the place where you live.

### **BENEFITS**

When we conserve land, we invest in our quality of life.

### **THREATS**

If we don't prioritize land conservation, we put at risk much of what we value in our lives: clean water, healthy food, exercise, recreation and relaxation, and, in some cases, our livelihoods.

#### **SOLUTIONS**

If we are smart about how we use and protect our land, we can continue to enjoy the things we love and feel secure in knowing that these lands will be here for us and our families.

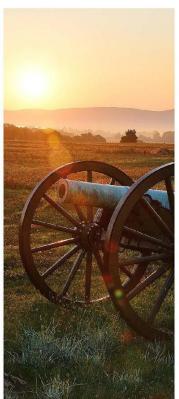


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# Toolkit





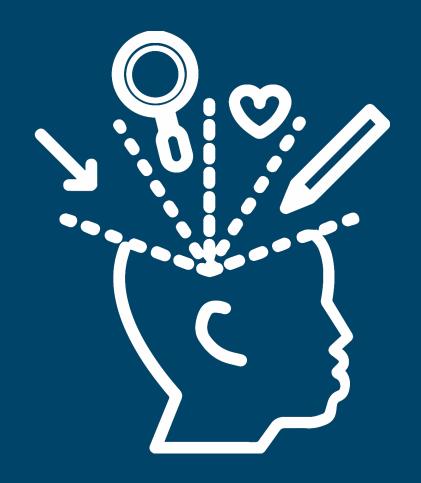






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Tailored Messaging

### **Choosing an Objective**

- S pecific
- M easurable
- **A** ttainable
- R ealistic
- T ime-bound

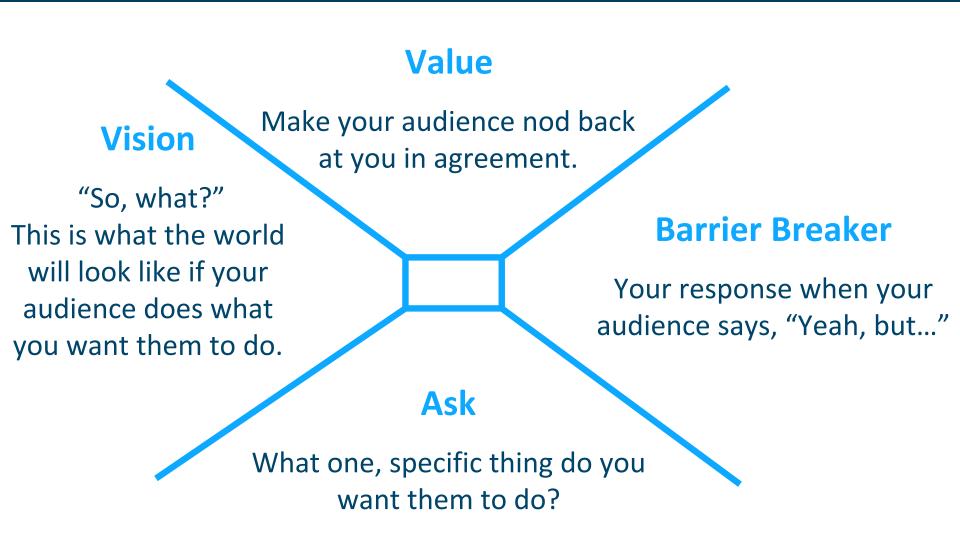
**Behavior Change** 

**Policy Change** 

**Corporate Change** 

**Fundraising** 

### **Audience:**





## **Opportunity:** News Article

Farming for the future: Nixons protect land for future generations

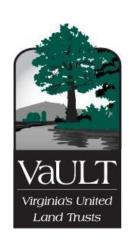


This summer, in an effort to preserve the prime farmland and help ensure continued operations, the Nixons chose to permanently protect 382 acres of their land through a conservation easement with the Piedmont Environmental Council.

"We want our kids to be able to farm and provide for future generations. And that's kind of the whole goal of this," said Tom Nixon, who owns and operates Glenmary Farm with his wife Kim. "Both of our children have developed a strong passion for working on our farm and for today's agricultural industry."

With complementary interests, their daughter Elizabeth, a 2016 Oklahoma State graduate, helps manage the cowherd and handles communications, and their son Robert, a 2017 University of Northwestern Ohio graduate, focuses on crop work and mechanics.

# 2019 Narrative Toolkit Training Sessions











# **Initiative Updates 2:**

**Messaging Initiative** 

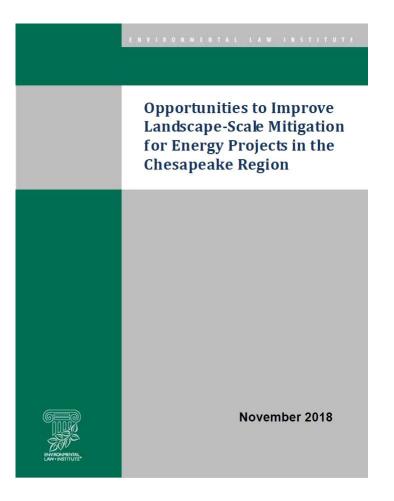
Scenic Landscape Impact Assessment Methodology

Drinking Water Source Protection Mapping









9. Advance Protection of Historic, Cultural, and Scenic Resources

Improve scenic resource assessments for transmission corridors and wind and solar generating facilities.

# Scenic Landscape Impact Assessment Methodology Initiative

Pilot development and application of a standard methodology for assessing and quantifying visual impacts to scenic landscapes







### **Project Team & Advisory Group**

- James Palmer, T. J. Boyle
- Jeremy Owens, T. J. Boyle
- Jonathan Doherty, NPS
- Mark Meyer, NPS
- Lynn Crump, VA DCR
- Jason Bulluck, VA DCR
- John Griffin, Chesapeake Conservation Partnership
- John McCarthy, Piedmont Environmental Council
- Watsun Randolph, Piedmont Environmental Council

- Leighton Powell, Scenic VA
- Jim Edward, EPA
- John Wolf, USGS
- Josh Van Brakle, PA DCNR
- Laura Belleville, AT Conservancy
- Jeff Allenby, Chesapeake Conservancy

## **Steps & Timeline**

2020 Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Literature **Review Objectives** Methodology **Development Case Study Publication** 



# **Initiative Updates 2:**

**Messaging Initiative** 

Scenic Landscape Impact Assessment Methodology

Drinking Water Source Protection Mapping



# **Closing Reflections?**



# A visit with John Muir

