

Hampton Roads Green Infrastructure Workshop II



Hosted by the HRPDC
September 14, 2006





What is Green Infrastructure?

“A planned network of green spaces that benefit wildlife and people, link urban settings to rural ones and...forms an integral part of government budgets and programs.”

- **The Conservation Fund**



Green Infrastructure

- **Natural areas:** wetlands, woodlands, waterways, and wildlife habitat
- **Conservation lands:** nature preserves, wildlife corridors, and greenways
- **Working lands of conservation value:** forests, farms, and ranches
- **Outdoor recreation and trail networks**
- **Parks and Historic Resources**

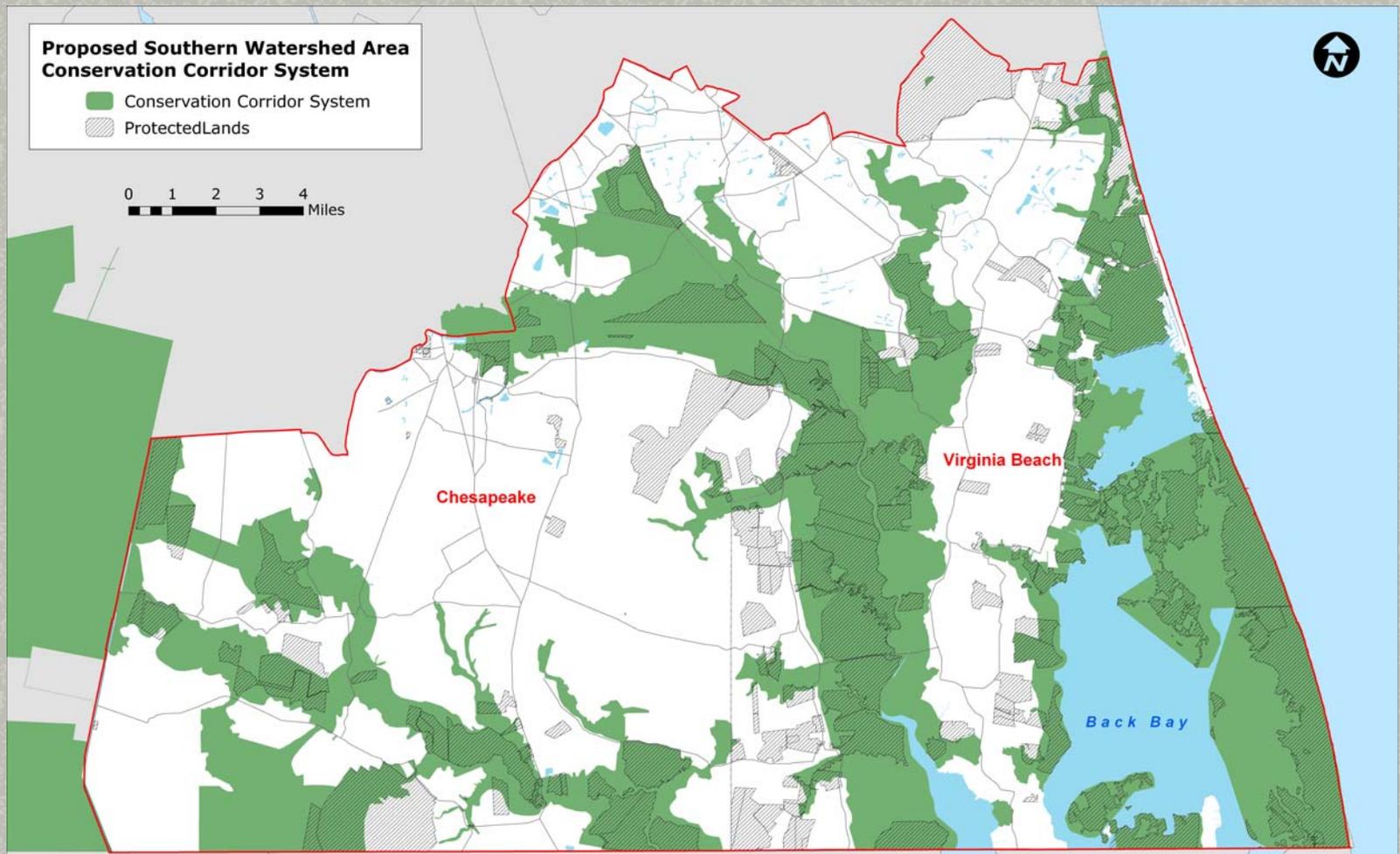




Hampton Roads Conservation Corridor Study

- Virginia Coastal Program provided grant based on the success of the **SWAMP** (Southern Watershed Area Management Plan)
 - Conservation Corridor for the Southern Watershed Area
- Current project objective is to extend the Corridor to all of Hampton Roads

SWAMP Corridor





Goals for the Project

- Identify a corridor system that provides multiple benefits:
 - Habitat protection
 - Stormwater management
 - Comprehensive Planning
 - Recreation/Tourism
- Work with all localities to incorporate local planning needs
- Provide GIS mapping of corridor system to localities
- Educate public on benefits of the corridor system



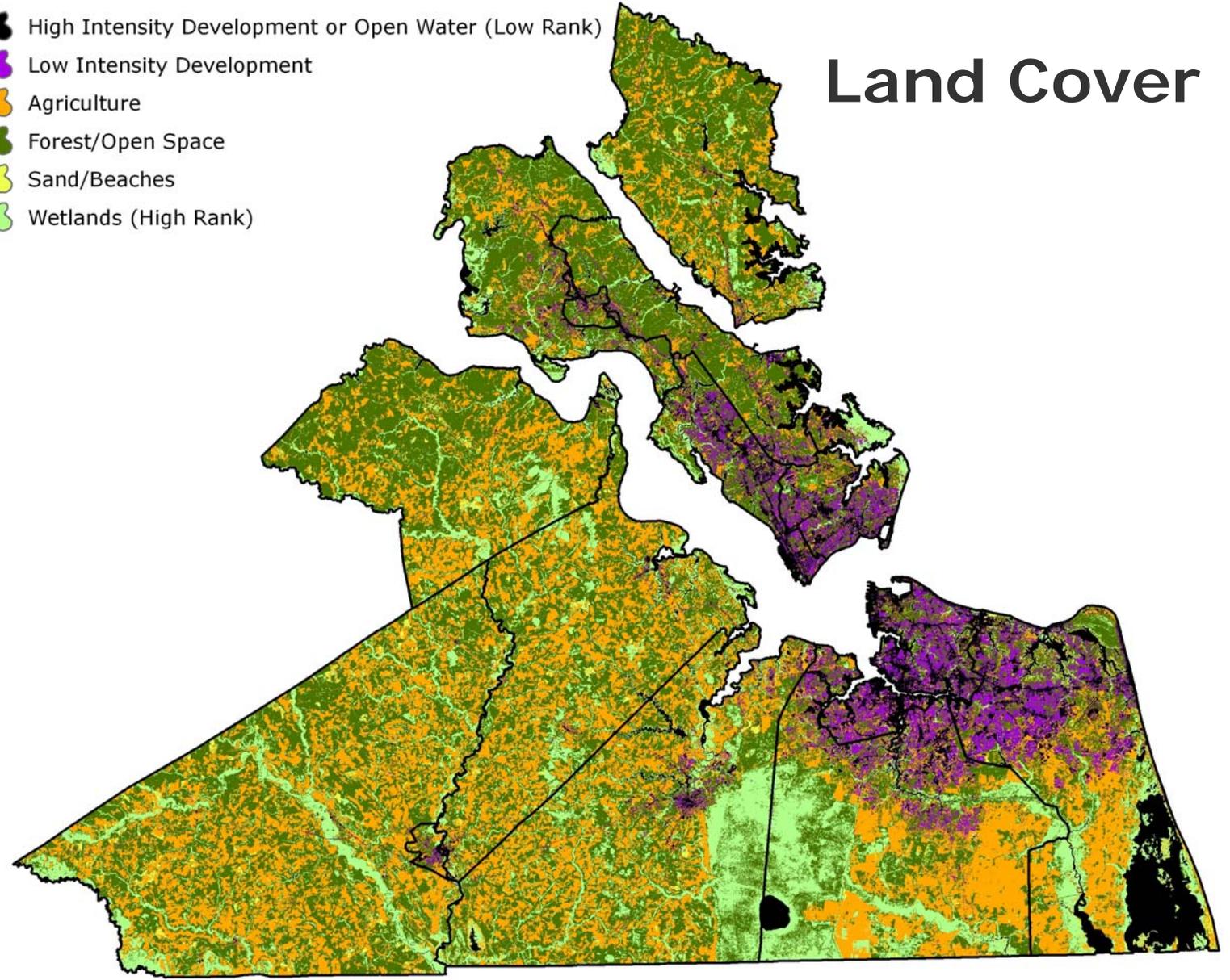
Summary of Process

- Developed initial suitability model
- Asked natural resource planners to refine the model
- Refined model used as base data for discussions with local planners
- Compiled “overlay” dataset showing Opportunities for Connectivity



Land Cover

- High Intensity Development or Open Water (Low Rank)
- Low Intensity Development
- Agriculture
- Forest/Open Space
- Sand/Beaches
- Wetlands (High Rank)

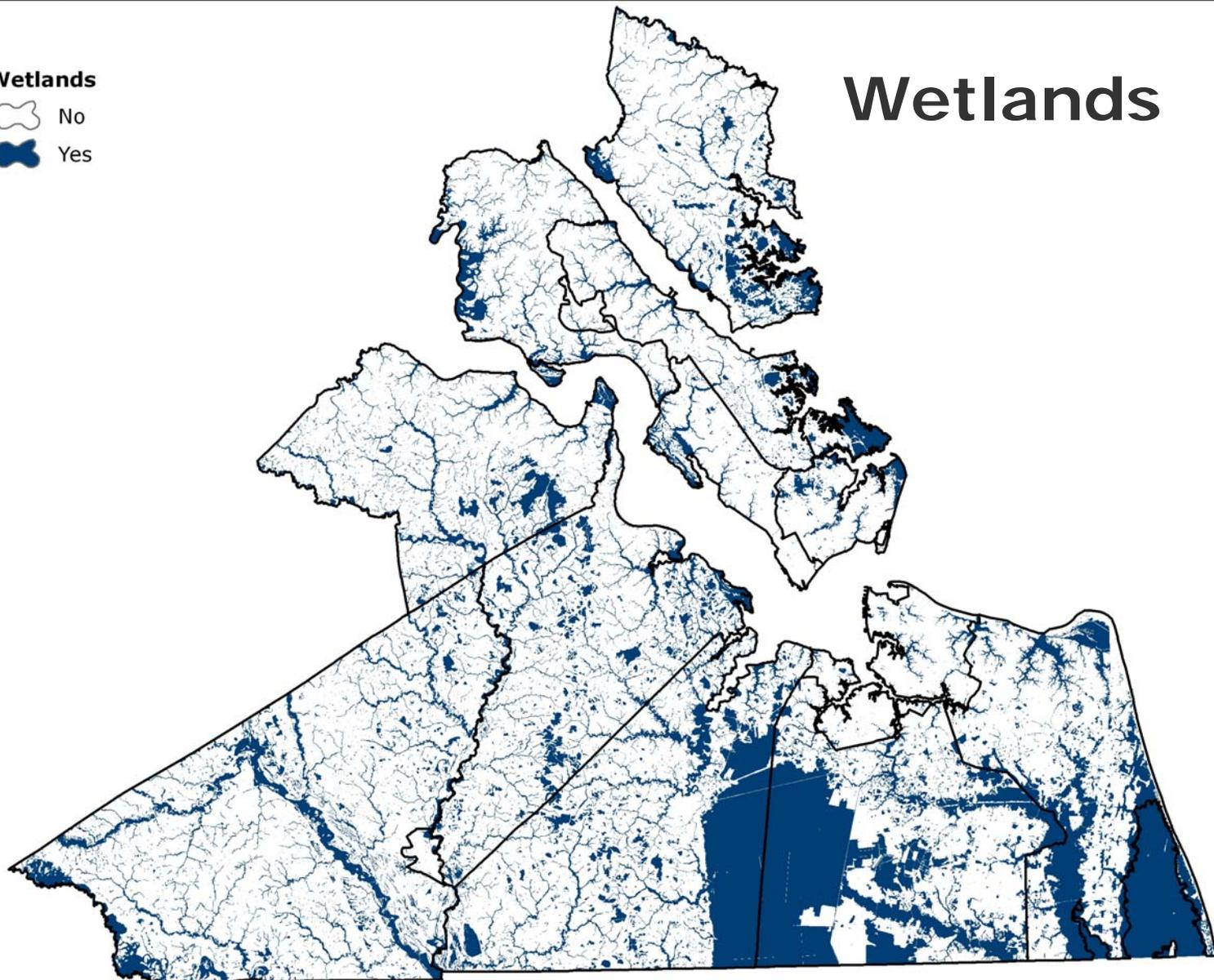




Wetlands

-  No
-  Yes

Wetlands

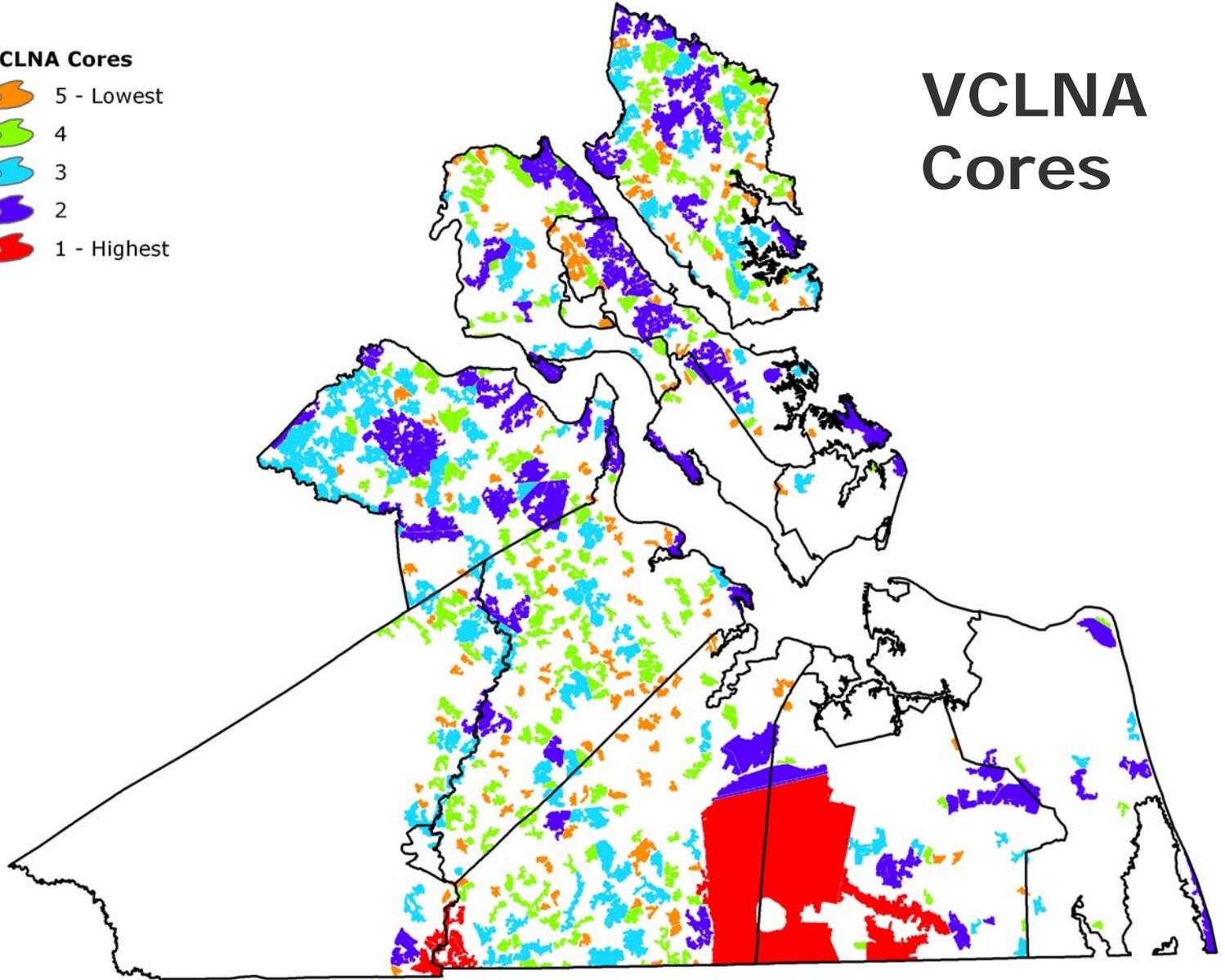




VCLNA Cores

-  5 - Lowest
-  4
-  3
-  2
-  1 - Highest

VCLNA Cores





Riparian Buffers

-  > 500' (Lowest)
-  500'
-  400'
-  300'
-  200'
-  100' (Highest)

Riparian Corridors

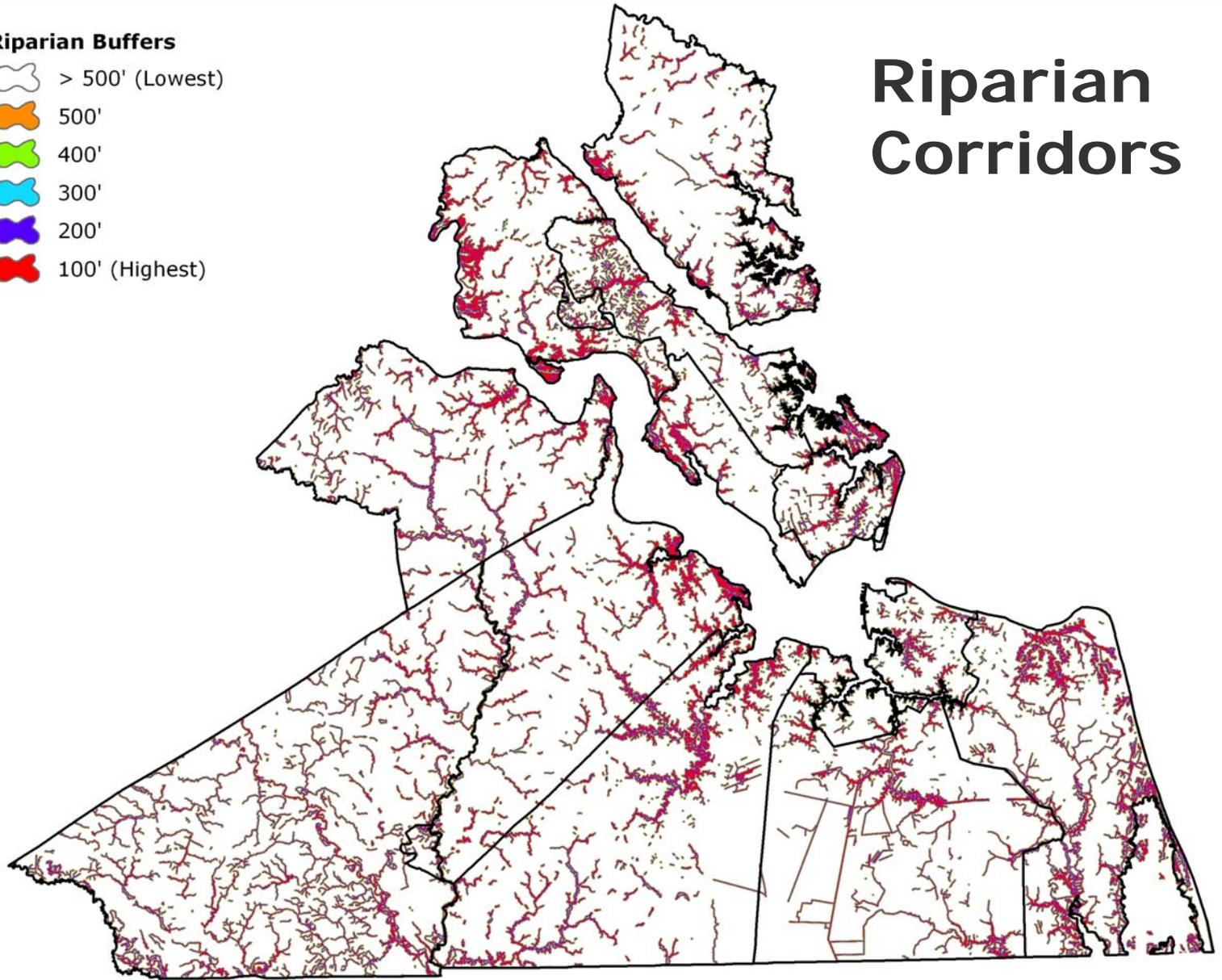


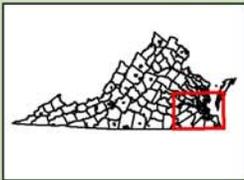
Figure 7 The Hampton Roads Conservation Corridor Study

Legend

 Opportunities for Connectivity

Suitability for Conservation

-  Low suitability
-  High suitability - WATER QUALITY
-  High suitability - HABITAT
-  High suitability - BOTH



Notes:

The Suitability for Conservation information identifies areas that are potentially most suitable for protection based on a wildlife habitat or water quality protection perspective. The suitability information was derived through weighted overlay analysis in GIS using the following data sources: National Land Cover Dataset, National Wetlands Inventory, riparian corridors, and the Virginia Land Conservation Needs Assessment habitat cores. The map was refined based on the input from natural resource experts in the Hampton Roads region.

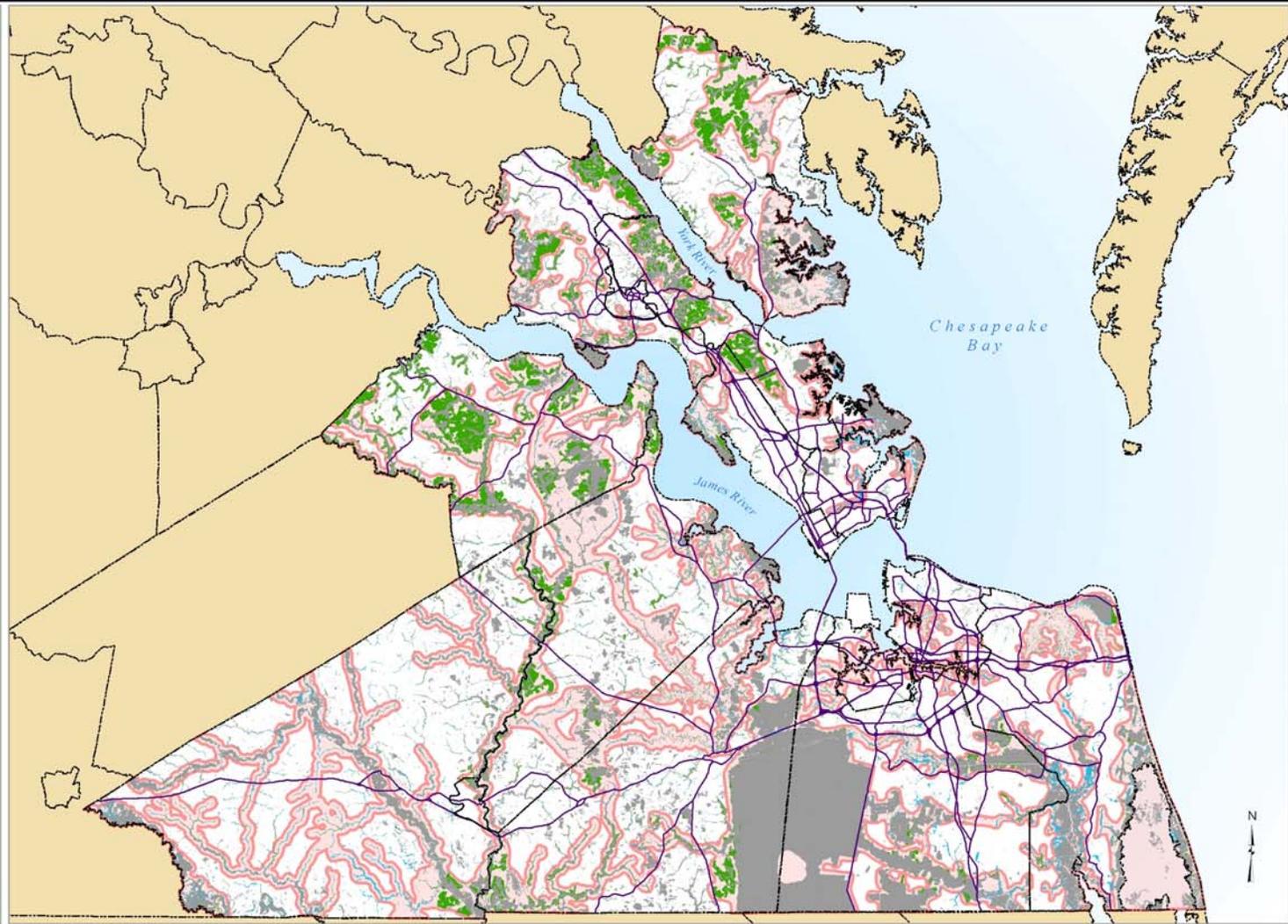
The Opportunities for Connectivity information highlights areas where there are opportunities to create a linked network of green infrastructure in Hampton Roads. Protected and unprotected greenspaces can be linked to each other, as well as to existing recreational areas.

This map is intended as a tool to aid the regional planning process and does not necessarily reflect the actual future land use plans of individual Hampton Roads localities.



0 5 10 20 Miles

May 2006





Educational Elements

- Newsletter Articles
- PowerPoint files
- Final Report: Hampton Roads Conservation Corridor Study
- Video: Make the Connection: Green Infrastructure for the Future of Hampton Roads
- Information available on HRPDC web site at:
<http://www.hrpdc.org/newpep/HRCCS.shtml>



Workshop Goals

- Provide an overview of funding and implementation strategies for open space networks in Hampton Roads.
- Review examples of current efforts to protect open space in Hampton Roads.
- Discuss opportunities for improved coordination of open space protection efforts.



Agenda

- ● 10:15 – 10:45 Mr. Dan Nees: University of Maryland Environmental Finance Center
- ● 10:45 – 11:15 Mr. David Carter: Trust for Public Land
- ● 11: 15 – 11:45 Ms. Caren Schumacher: Williamsburg Land Conservancy
■ and Ms. Tyla Matteson: Hampton Land Conservancy
- ● 11:45 – 12:00 Questions and Discussion
- ● 12:00 – 12:30 Lunch
- ● 12:30 – 1:00 Ms. Emily Clifton: Maryland National Capital Parks and Planning Commission
- ● 1:00 – 1:30 Ms. Barbara Bodenstein: Elizabeth River Project
- ● 1:30 – 2:00 Mr. Gene Crabtree: Natural Resources Conservation Service
- ● 2:00 – 2:45 Panel Discussion
- ● 2:45 – 3:00 Closing Remarks