

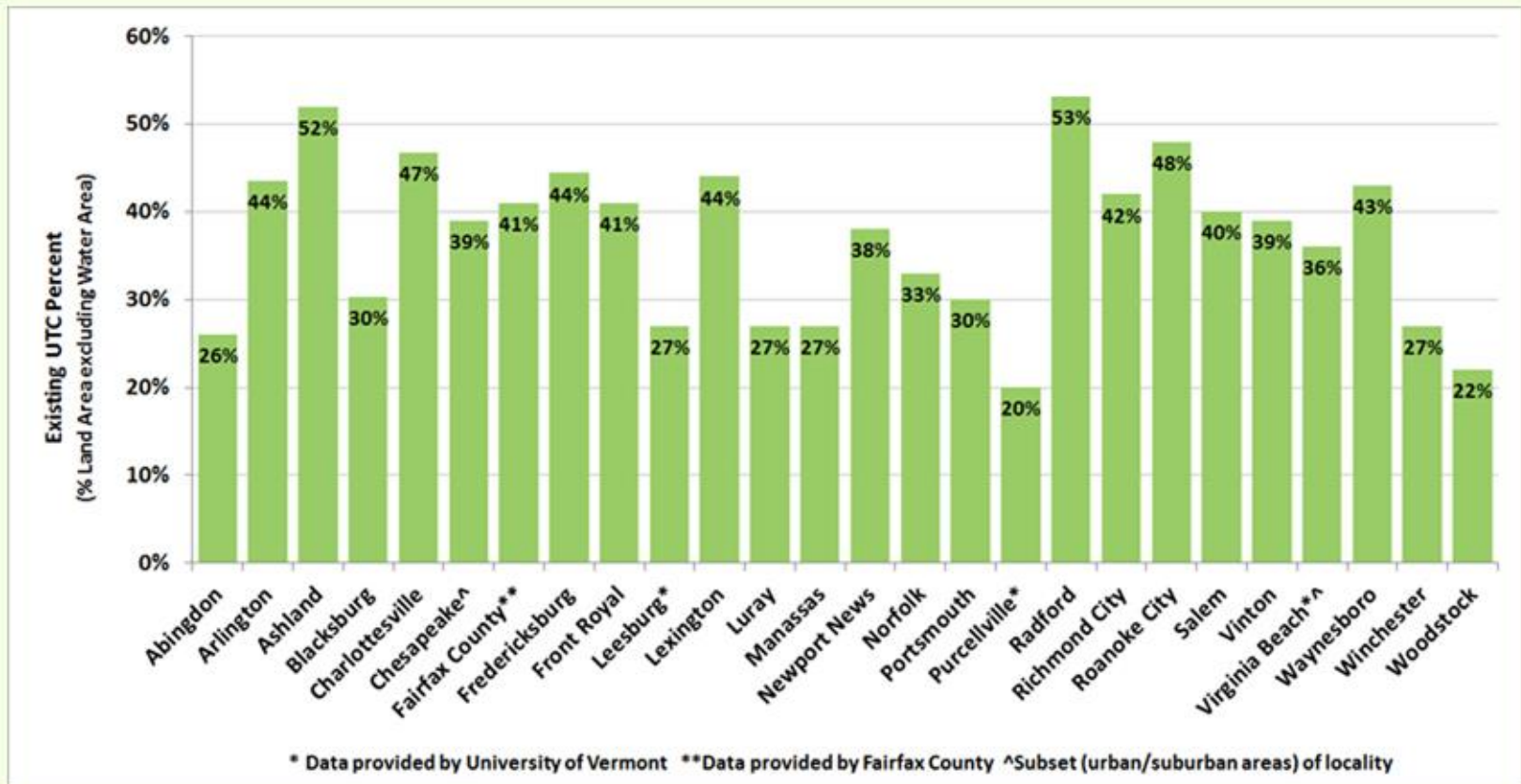
# Urban Tree Canopy Virginia Update

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UF Partnership Coordinator

# 27 communities with UTC Assessments



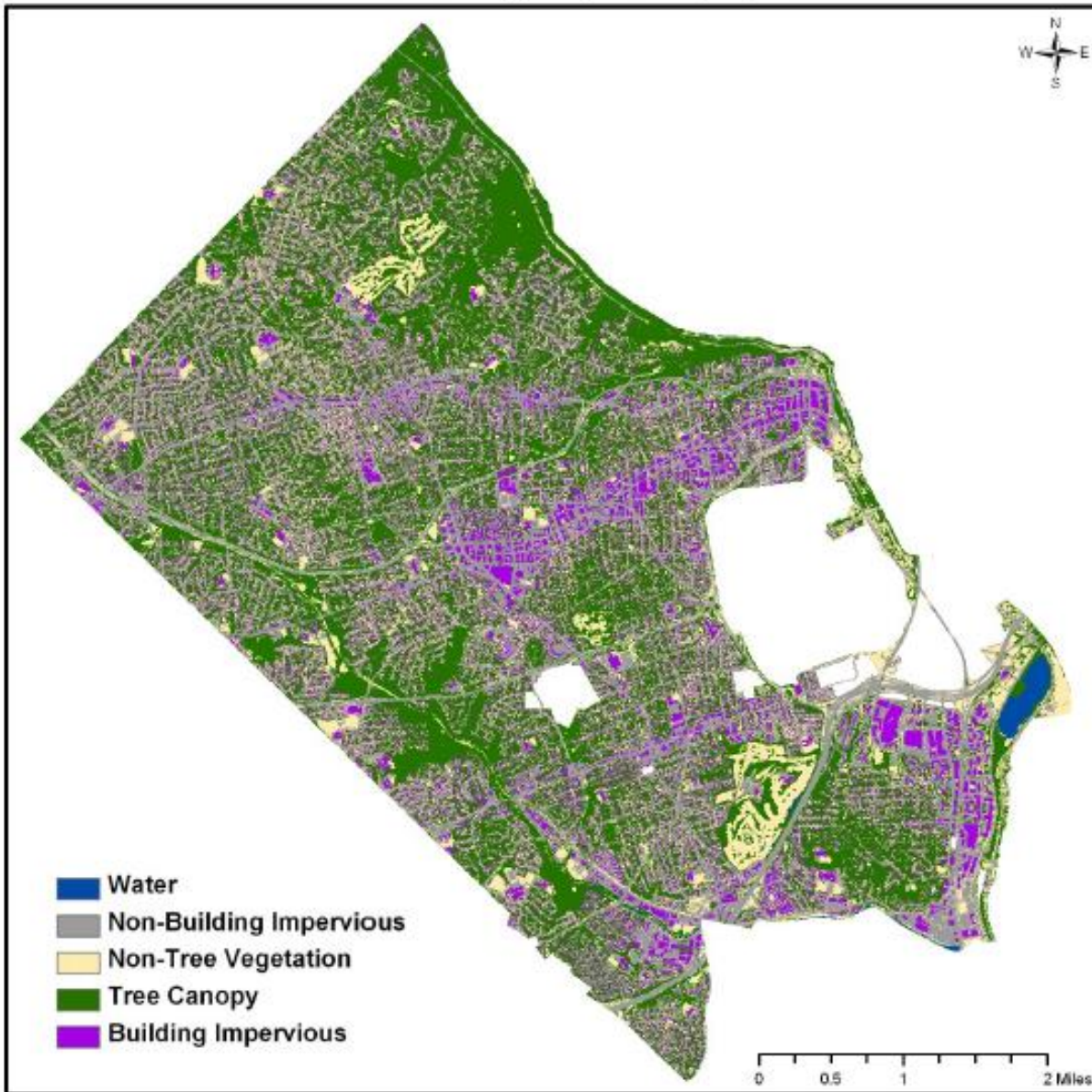
# Partnerships



**Chesapeake Bay Program**  
*A Watershed Partnership*



## Urban Tree Canopy Analysis - Arlington, VA



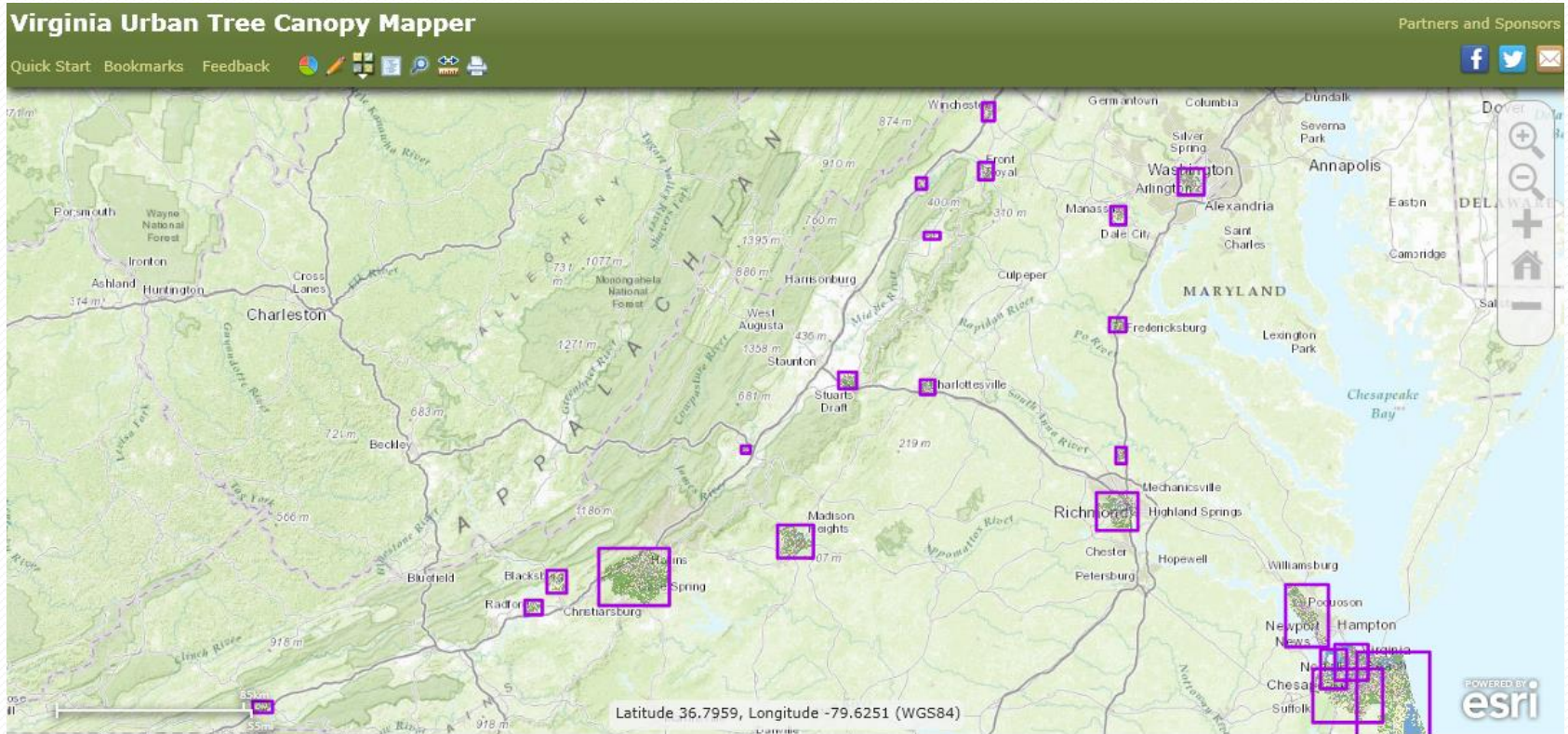
UTC Analysis for  
Arlington Co  
with Federal  
lands excluded

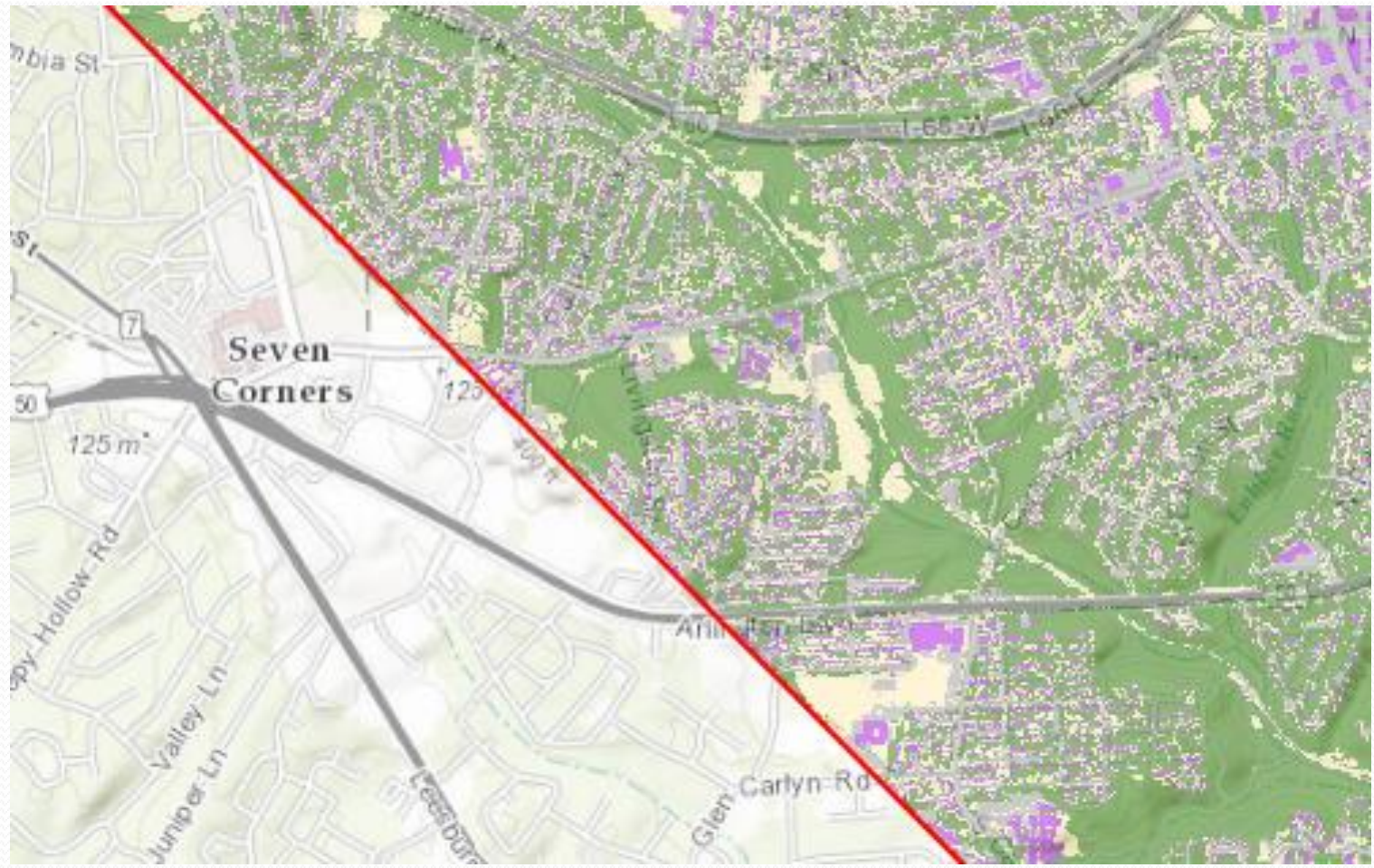
# Summary for Arlington

UTC Classes	Existing UTC		
	Acres	% Total Land Area*	% Land Area
Tree Canopy	6353.1	43.3%	43.5%
Non-Tree Vegetation	2504.2	17.1%	17.2%
Non-Building Impervious	4100.9	28.0%	28.1%
Buildings Impervious	1632.1	11.1%	11.2%
Water	72.6	0.5%	0.0%
Total Area	16701	100.0%	100.0%

Based on 2008 imagery

# Virginia Urban Tree Canopy Mapper





# Plan It GEO

Developed a desktop web based tool for the 4 communities to use

- Analyzing UTC data at various scales
- UTC Goal Setting Tools
- Planting/Preservation Prioritization
- Scenario Planning and Tree Tracking Tools



# On Going

## Virginia UTC Implementation Planning Guidance Document

Plans for 4 communities developed and in  
process or already integrated into their  
Comp Plans

- Virginia Beach
- Newport News
- Woodstock
- Lexington

# Next Steps

- **Virginia Trees for Clean Water:** tree planting grant funded from Chesapeake Bay program and this year additional funds from DCR Water Quality Improvement Funds
- In Virginia we do not have a process for tracking the tree planting progress
- It will soon be time to update the UTC Assessments  
We will wait for the next NAIP imagery and better LIDAR coverage, and partners for funding
- There is great need for funding to assist the communities with planting programs especially on private lands
- There is a need for more publicity, research etc. relating tree canopy to improved water quality and air quality.
- The general public are not engaged with the issue.



**Urban Tree Canopy Analysis of Virginia  
Localities Reports and General Information**

**[http://gep.frec.vt.edu/va\\_utc.html](http://gep.frec.vt.edu/va_utc.html)**

**Virginia Urban Tree Canopy Mapper**

**<http://www.utcmapper.frec.vt.edu/>**