

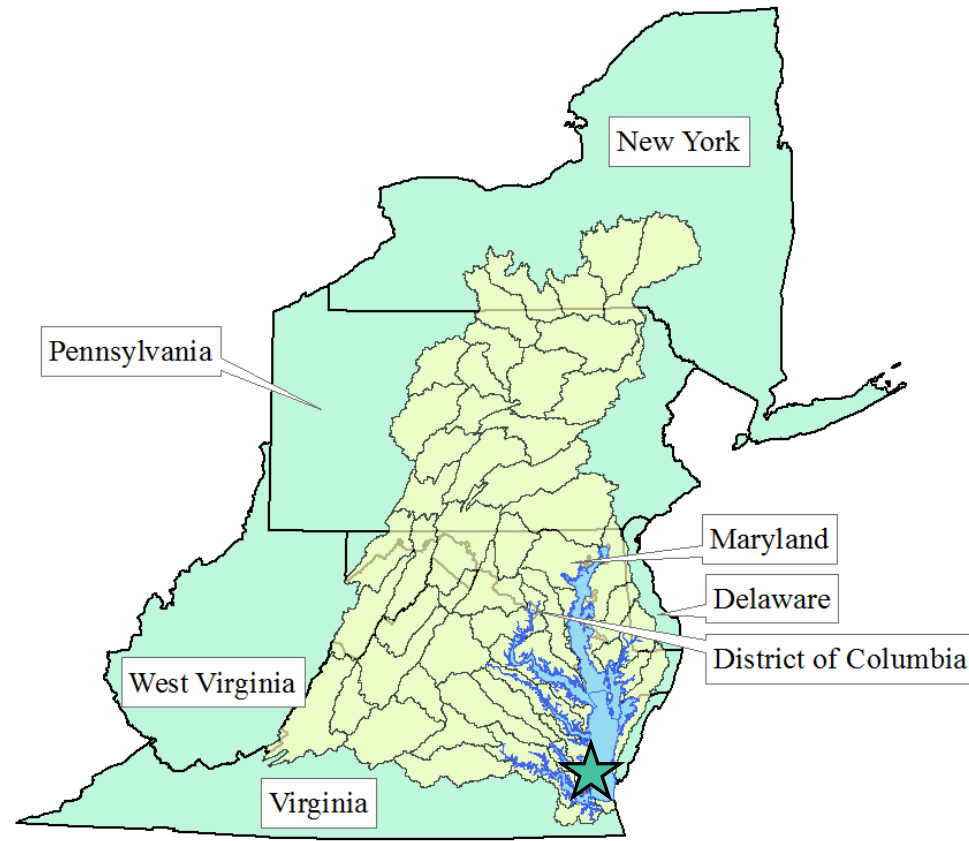
Green Infrastructure in Hampton Roads: Barriers and Needs in the Region

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HRPDC PRESENTATION

AUGUST 2, 2018

My Research Question: What are the Barriers in Hampton Roads?



Research Method: Needs Assessment

Pre-Assessment

Examination of existing data sources

Assessment

Collection of new data

Post Assessment

Examining original and collected data to identify needs

Research Findings

Barriers to GI in Hampton Roads

GI costs are unknown

Funding for GI is limited

Maintenance knowledge and resources is lacking

Southside HR physical conditions are challenging



Needs to Address

Improved locally relevant cost knowledge

Pursue new funding sources

Provide training opportunities for maintenance staff

Develop alternatives for the coastal plain

Meeting Needs Through Virginia Cooperative Extension

Available Resources

Master Gardeners and Water Stewards

Hampton Roads Agricultural Research and Extension Center

Example Programs

Turf Love and Rain Garden Programs – James City

Rain Barrel Workshops – Chesapeake, Virginia Beach, Portsmouth

Go Green Expo – Newport News



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Facilitating Research for Locally Relevant GI Cost Data



<http://www.pwcgov.org/government/dept/vce/SiteAssets/Pages/About%20Us%20Page/VCE%20Block.png>



<http://www.pwcgov.org/government/dept/vce/SiteAssets/Pages/About%20Us%20Page/VCE%20Block.png>



https://s1.ticketm.net/tm/en-us/dam/a/3d2/4665c40d-0ad8-4b7b-8b66-538f3cf333d2_241521_CUSTOM.jpg

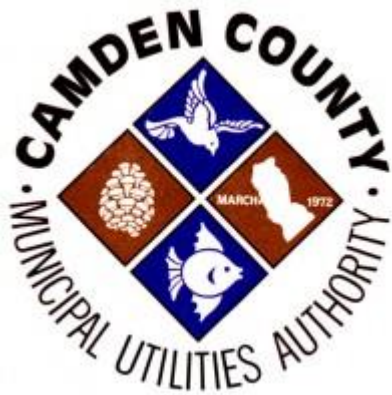
Pursuit of Nontraditional Funding Sources



RUTGERS

New Jersey Agricultural
Experiment Station

https://breeding.rutgers.edu/wp-content/uploads/2017/04/RU_SHIELD_SIG_NJAES_PMS186_100K.png



<https://sustainable.camdencounty.com/wp-content/uploads/CCMUA-2-200x200.jpg>



<https://www.njfuture.org/wp-content/uploads/2011/10/dep-logo.jpg>



Image Source: Facebook.com



Image Source: Twitter.com

Provide GI Maintenance Training Opportunities



https://extension-ssl-45413.nexcesscdn.net/media/catalog/product/cache/2/image/463x/17f82f742ffe127f42dca9de82fb58b1/i/m/image_3777_1_2_1_262_1_23_1_28_2_11_2_2_2_38_1_94_7_2_24_46_6_414_49_21_45_2_25_15_1_9_1_18_9_6_5_1_21_3_29_8_2_1_13_5_1_1645.jpg



CHESAPEAKE BAY
Landscape Professional

<https://cblpro.org/wp-content/uploads/2016/08/cblp-1000.jpg>

Extension is Already at Work!

Already engaged throughout the region

Already has relationships with Hampton Roads municipalities

Strong focus on education and knowledge delivery

Access to local experts in stormwater management

Knowledgeable volunteers available

University access can facilitate research



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Closing Remarks

Interest in green infrastructure is increasing in Hampton Roads

Successful adoption will require new information and resources

VCE is potential partner with existing relationships in the region

Expanding these relationships can have a major impact on GI adoption

Thank You!

Questions?
