

# Urban Agriculture & Clean Water in the Chesapeake Bay

*American Rivers will review the report  
“Urban Farms: A Green Infrastructure Tool for the Chesapeake Bay,”  
identify research gaps and examine how urban communities can  
increase urban agriculture activity while managing stormwater through  
best practices and supporting policies, and provide opportunity to meet  
Chesapeake Bay objectives*

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[www.AmericanRivers.org](http://www.AmericanRivers.org)



**American Rivers**  
*Rivers Connect Us®*



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**American Rivers protects wild rivers, restores damaged rivers, and conserves clean water for people and nature.**



***...protects and restores the natural hydrology for the nation's streams and rivers so that human and natural communities have enough clean water at the right times.***

***...water is managed in an integrated, sustainable and holistic way; and adequate regulations are in place and enforced to ensure that water resources are protected for people and nature.***



# Green Stormwater Infrastructure



# Urban Agriculture







# Urban Farms

A Green Infrastructure Tool  
for the Chesapeake Bay



[www.AmericanRivers.org](http://www.AmericanRivers.org)

**Green  
Infrastructure:  
the nexus  
between  
Stormwater and  
Urban  
Agriculture—  
Practice &  
Policy**



# Urban Agriculture in the Chesapeake Bay



**Driven by differing needs and interests:**

- community gardens
- food deserts

**At varying geographic scales**

**Policy:**

- Reactive/prepared
- business, land use, stormwater codes





# Report Findings

[www.AmericanRivers.org/newsroom/resources/urban-agriculture-report/](http://www.AmericanRivers.org/newsroom/resources/urban-agriculture-report/)



**Vacant & Other Land  
Conversion**

**Outreach &  
Education**

**Funding & Incentives**

**Regulation &  
Guidance**

# Research Gaps & Next Steps



Photo Credit: UDC CAUSES



# Stormwater BMPs for Urban Agriculture

- S Planning & Codes**
- S Site Evaluation & Design**
- S Structural BMPs**
- S Production & Operation BMPs**
- S Training, Education & Outreach**



# Planning & Codes

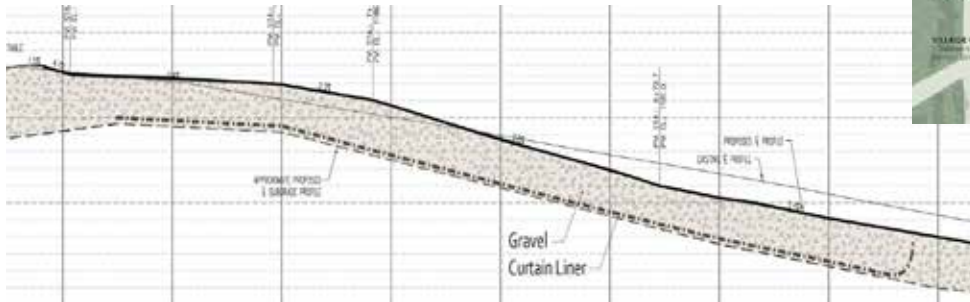
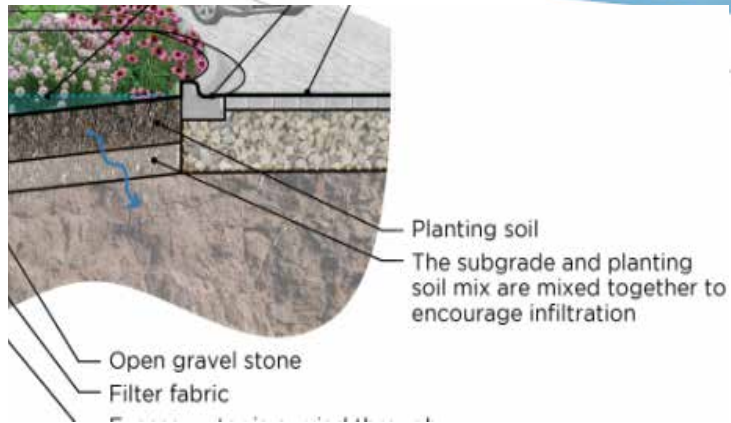


**Utilizing local regulation and policy**





# Site Evaluation & Design



# Urban Farm Site Plan with Stormwater Management

# Structural BMPs



## Incorporating Green Stormwater Infrastructure





# Production & Operation BMPs



**Identifying GSI to manage runoff unique to urban farming**

# Training/Outreach/Education



## Reaching Urban Farmers & Providing Technical Assistance





# Urban Agriculture *in* the Bay, and *for* the Bay





# **Urban Agriculture & Clean Water in the Chesapeake Bay**

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