So, You say you want to manage stormwater.

Now, let's chat about how to pay for it.

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WHEN YOUR PET GOES ON THE LAWN,

REMEMBER IT DOESN'T JUST

GO ON THE LAWN.



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When you direct water to a ditch Remember it doesn't just stay in the ditch











What's the cost of not?







Hurricane Irene: \$16.6 billion







\$50 million in 30 minutes for one city!

What the heck is Green Infrastructure?



Re-forestation/ Re-vegetation



Vegetated Swales







Rain Barrels

Rain Gardens





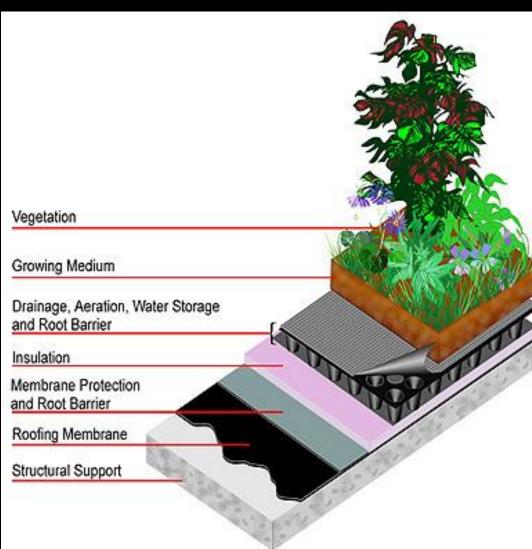
Tree Trench



Green Roofs



Walters Hall, SUNY ESF



Jamesville Correctional Facility



Cistern







Porous/Permeable Pavement Materials



Porous Pavements







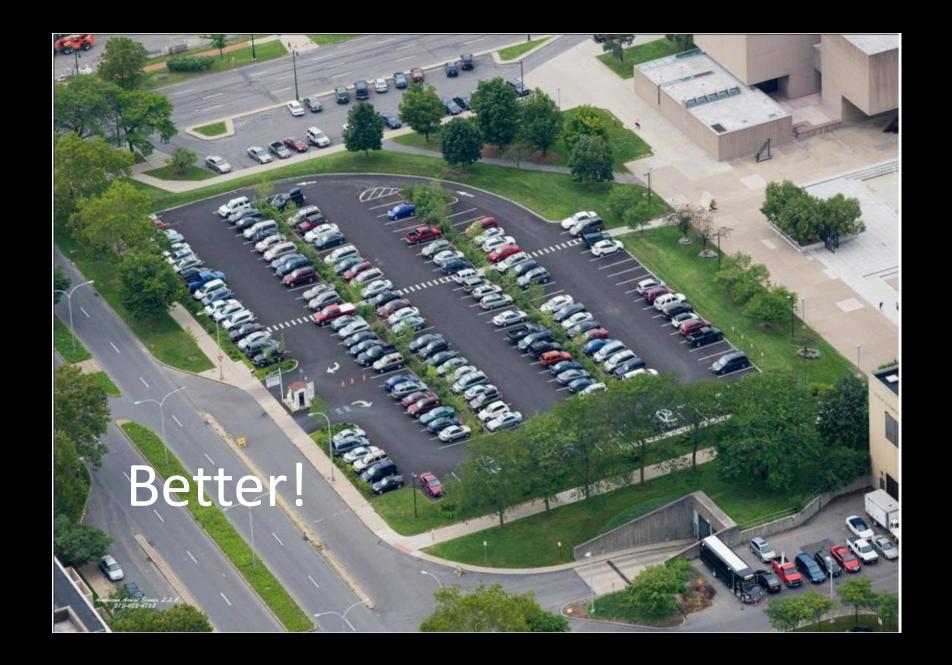
Strip of porous concrete down the middle of an asphalt lot in Syracuse

The benefit(s) of a GI approach

The ancillary benefits may outweigh the stormwater benefits!

- Improved streetscapes
- Increased capacity, or upgraded infrastructure
- Inter-departmental 'co-funding' (combining Parks, DPW, and other funding streams to create a mutually beneficial project)
- Increased property value and/or investment







Village Hall Stormwater Retrofit

Greenwood Lake, NY



Village Hall Stormwater Retrofit

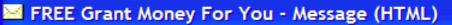
Greenwood Lake, NY







Um I thought we were talking about 'how to pay'!?



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From: Amy Cornett [suny@easypeasy.com]

To: jezter@email.unc.edu

Cc:

Subject: FREE Grant Money For You

Qualifying for a free cash grant is easy!

- \$10,000 to over \$500,000 in FREE Grant Money is Available NOW!
- Never Repay
- No Credit Checks
- No Interest Charge

To see if you meet the requirements, please visit our web site: CLICK HERE NOW!

With best regards,

The Grant Giveaway Team

Not a good source of funding!!!

Also not recommended...



Financing Strategies

- Funding vs Financing
- Provides backbone for implementation plan
- Resonates with decisionmakers
- Lends credibility with funders
- Your plan cannot become a reality with out it!



Effective Financing Strategies



- Community-based
- Integrated
- Mirror the resource

Components of a Financing Strategy

Cost Reducers

Revenue Generators

Market Based
Approaches



Cost Reducers

- Planning
- Effective, enforced policies and regulations
- Coordination with other community priorities
- Asset management
- Collaboration



Revenue Generators



- Grant and loans
- Bonds
- Sustainable, dedicated funding

Ithaca Stormwater Fee Chautauqua County Bed Tax

Incentivizing the Private Sector



Location: Broome County, NY
Area: 11.14 square miles

Founded: 1867

Population: 46,551

SHARING THE COST

50/50

. . . of green stormwater projects with residents and businesses

STORMWATER MANGEMENT FUND

NFWF sponsored program where the City splits the cost of GI projects with developers and landowners up to \$25,000 for going above and beyond the required level stormwater management



AND LANDSCAPING MATCHING FUN

Οφορροφοροφ

Local foundation sponsored program where the City provides matching funds for residents, nonprofits, and small businesses who want to install small-scale GI practices such as rain gardens, rain barrels, shade trees, and pervious paving

Incentivizing the Private Sector

 Upper Susquehanna Coalition: berm removal, constructed wetlands, buy-backs, streambed

restoration...



Image courtesy Alliance for the Bay Flickr

Public-Private Partnerships

Onondaga County Save the Rain Green Improvement Fund (GIF)





130 applications since March 2010

83 projects completed; 35 projects under contract or in implementation phase

40+ million gallons to be captured annually from projects



Skiddy Park B-ball courts with the Boeheim Foundation Courts 4 Kids program



Connective Corridor

Policy-based Tools

- New York Public Infrastructure Policy Act
- Watershed Protection Improvement District
- Complete Streets Act

What is your role and what can you do?

Stormwater Management Plan

- 1. Inventory ditches, culverts, bridges, drainage, pipes and outlets
- 2. What condition (probability) are they in?
- 3. How critical (impact) are they?
- 4. Rank & Prioritize
- 5. Capital Improvement Plan
- 6. Asset Advisory Committee
- 7. Educate-Educate-Educate

Take-Aways

- Effective financing strategies tend to be
 - Community based
 - Integrated
 - Mirror the resource



- Green infrastructure approach
 - Makes sense from a resource management perspective
 - Makes sense from a financing perspective
- Asset Management and Regionalization
 - Can create efficiencies and reduce implementation costs
 - Can occur at multiple depths and scales

Call us, we can connect you with additional resources.



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