RAINGARDEN DESIGN

Sabrena Schweyer, FAPLD
Rainwater Catchment – Raingarden
Engineered Raingardens
Greater Cincinnati
February 2011

GI must be well-designed!
Raingarden, Cincinnati Zoo
February 2011
Middle School: Before

- No vegetation
- Too much asphalt
- Heat from asphalt warmed classrooms
- Storm water surge hits pipes
Storm Water Management Technologies as “Outdoor Classroom”
Green Alleys, Streets & Parking Lots:
(Enhanced public space)

Can incorporate various types of Green Infrastructure including:
• Bioretention cells
• Pervious surfaces
• Green landscaping
Integrate visually and physically accessible rainwater/storm-water management onsite in an aesthetically pleasing way.
Permaculture

“Permaculture uses a set of principles and practices to design sustainable human settlements”

Toby Hemenway
Tanner Springs Park, Portland OR

A constructed wetland for managing runoff from nearby buildings.
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