Green Infrastructure Resources

New York State and Hudson River Estuary Regional Information

NYS DEC Hudson River Estuary Program – Green Infrastructure Examples for Stormwater Management in the Hudson Valley
http://www.dec.ny.gov/lands/58930.html
This website describes a variety of green infrastructure practices, organized both by type and by county. The site also links to the NEMO National Low Impact Development Atlas, which maps project locations.

NYS DEC – New York State Stormwater Management Design Manual (August 2010)
http://www.dec.ny.gov/chemical/29072.html
The NYS Stormwater Design Manual includes a chapter on green infrastructure practices (Chapter 5). The manual also describes new regulations that require the use of green infrastructure practices to manage post-construction stormwater runoff for new developments that disturb over one acre.

NYS DEC Hudson River Estuary Program – Trees for Tribs Initiative
http://www.dec.ny.gov/lands/43668.html
The Hudson River Estuary Program's "Trees for Tribs" Initiative (tribs as in tributaries) offers free native trees and shrubs for qualifying riparian buffer planting/restoration projects in the Hudson River Estuary watershed. The Estuary Program's Stream Buffer Coordinator can assist with plant selection, a planting plan, and other technical information to improve the odds of success for your project.

Lower Hudson Coalition of Conservation Districts – Green Infrastructure Practices at Work
http://www.lhccd.org/green-infrastructure.html
This series of videos provides a "tour" of green infrastructure practices at work in the Lower Hudson region, including rain gardens, bioretention areas, porous pavements, rain barrels, a stormwater planter, and stream buffer restoration.

Green Infrastructure Practices, Economics, and Case Studies

NRDC – Rooftops to Rivers II
http://www.nrdc.org/water/pollution/rooftopsii/
This report provides background information, economics/values associated with green infrastructure, and recommendations for implementation. It also includes detailed case studies for 14 cities that are leaders in employing green infrastructure solutions to address stormwater challenges. Many of those cities are also profiled in short videos, available for viewing on the website.

American Rivers – Banking on Green: A Look at How Green Infrastructure can Save Municipalities Money and Provide Economic Benefits Community-wide
http://www.americanrivers.org/assets/pdfs/reports-and-publications/banking-on-green-report.pdf
American Rivers worked with the American Society of Landscape Architects, ECONorthwest, and the Water Environment Federation on this report, which builds on the current understanding of the cost-effectiveness of green infrastructure and examines how these practices can increase energy efficiency and reduce energy costs, reduce localized flooding, and protect public health.

Forging the Link: Linking the Economic Benefits of Low Impact Development and Community Decisions
http://www.unh.edu/unhsc/forgingthelink

Chapters and fact sheets document the advantages of Low Impact Development (green infrastructure) in the economic terms of how municipal land use decisions are commonly made, using a series of case studies. This project is a collaboration between the University of New Hampshire Stormwater Center, Virginia Commonwealth University, Antioch University New England, University of New Hampshire, ERG, CICEET, and NOAA.

Codes, Ordinances, and Policies related to Green Infrastructure

NYS DEC Hudson River Estuary Program – Code & Ordinance Worksheet for New York State
http://www.dec.ny.gov/docs/remediation_hudson_pdf/cownys.pdf
Adapted from the Center for Watershed Protection's Code and Ordinance Worksheet, this worksheet allows an in-depth review of the standards, local laws, ordinances, and codes that shape how development occurs in your municipality. The worksheet consists of a series of questions that correspond to model development principles, and is intended to guide you through the first two steps of a local site planning roundtable.

US EPA – Green Infrastructure Case Studies: Policies for Managing Stormwater & Green Infrastructure Municipal Handbook Series
http://www.epa.gov/owow/NPS/lid/gi_case_studies_2010.pdf
http://cfpub.epa.gov/npdes/greeninfrastructure/munichandbook.cfm
The EPA's case studies publication offers examples from 12 municipalities that developed and implemented stormwater policies to support green infrastructure. The Municipal Handbook Series includes information on funding sources, retrofit policies, green streets, rainwater harvesting, and incentive mechanisms geared to help local officials implement green infrastructure in their communities.

American Rivers – Local Water Policy Innovation: A Road Map for Community-Based Stormwater Solutions
http://www.americanrivers.org/assets/pdfs/reports-and-publications/Local_Water_Policy_Innovation_Stormwater_Oct_20080613.pdf
This publication offers information on how to identify local ordinances or policies to improve stormwater management and gain community support.

Potential Funding Sources

NYS Environmental Facilities Corporation – Green Innovation Grant Program (GIGP)
http://www.nysefc.org/GreenGrants.aspx
The GIGP provides seed money for projects that spur green innovation, build green capacity, and facilitate technology transfer. Projects should improve water quality or demonstrate sustainable wastewater infrastructure. For updates on GIGP and other potential funding sources for green infrastructure, you can visit: http://www.nysefc.org/GreenGrants/AdditionalResources.aspx or sign up for their ListServ here: http://www.nysefc.org/Home/ListServ.aspx

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