

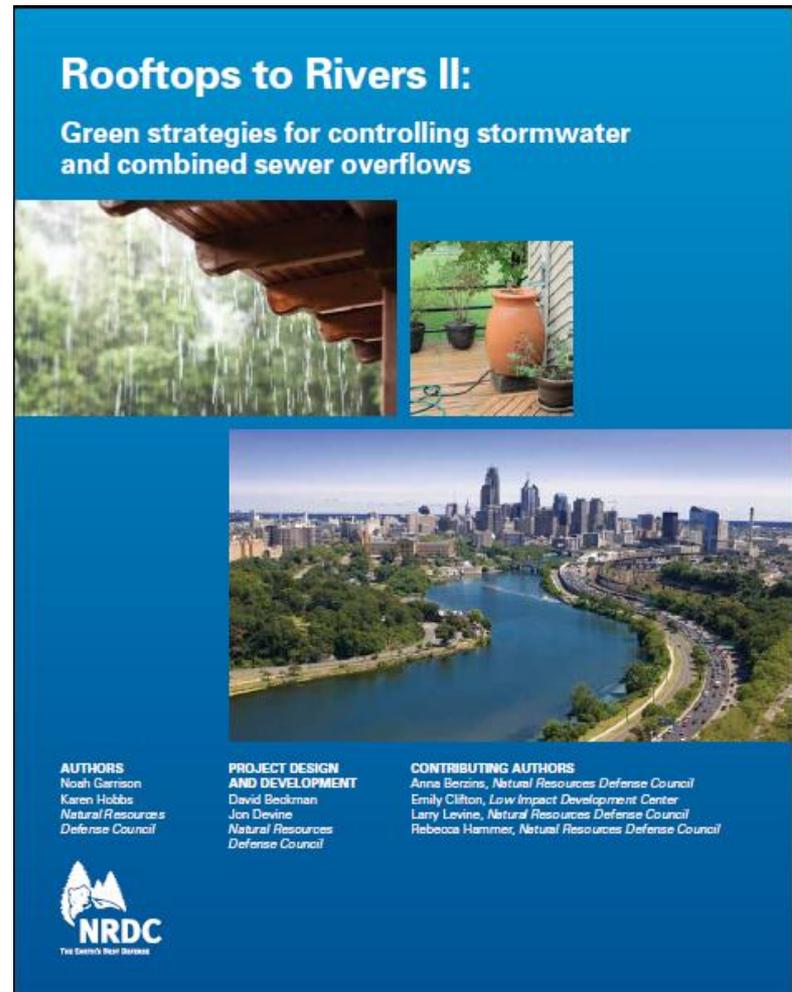
The Future of Stormwater: Capture, Store and Supply



Noah Garrison, Natural Resources Defense Council
May 18, 2012

Rooftops to Rivers II

- Demonstrates how cities use green infrastructure to improve stormwater management and achieve multiple benefits.
- The report includes:
 - Economic benefits of green infrastructure
 - Case studies on 14 cities
 - Encouragement for EPA to learn from the work of these cities and advance these solutions nationwide





NRDC's Emerald City Metric

Table ES-1: "Emerald Cities," listed darkest to lightest by the number of key green infrastructure actions taken

City	Long-term green infrastructure (GI) plan	Retention standard	Requirement to use GI to reduce some portion of the existing impervious surfaces	Incentives for private-party actions	Guidance or other affirmative assistance to accomplish GI within city	Dedicated funding source for GI
Philadelphia, PA	★	★	★	★	★	★
Milwaukee, WI		★	★	★	★	★
New York, NY	★		★	★	★	★
Portland, OR		★	★	★	★	★
Syracuse, NY	★		★	★	★	★
Washington, D.C.		★	★	★	★	★
Aurora, IL	★	★			★	★
Toronto, Ontario, Canada	★	★		★	★	
Chicago, IL		★		★	★	
Kansas City, MO				★	★	★
Nashville, TN	★				★	★
Seattle, WA				★	★	★
Pittsburgh, PA		★				
Rouge River Watershed, MI					★	

NRDC Technical Report
August 2009

A Clear Blue Future

How Greening California Cities Address Water Resources and Challenges in the 21st Century

Project Director

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Capturing Rainwater from Rooftops: An Efficient Water Resource Management Strategy that Increases Supply and Reduces Pollution

NOVEMBER 2011



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**CWF, SCWC, and NRDC
present a workshop on**

Stormwater Capture for Water Supply Augmentation

Featuring

Lester Snow
Director
California Water
Foundation

Frances Spivy-Weber
Board Vice-Chair
State Water Resources
Control Board

Robert Wilkinson
Adjunct Associate Professor
Bren School, University of
California at Santa Barbara

Andy Lipkis
Founder and President
TreePeople

Mark Pestrella
Assistant Director
Los Angeles County
Department of Public
Works

**Wednesday, March 28, 2012
8:30 am - 5:00 pm**

Annenberg Community Beach House
415 Pacific Coast Highway
Santa Monica, CA 90402

Obstacles:

- Insufficient quantitative analysis of the specific benefits of capture necessary for monetization or to promote increased use of stormwater capture for water supply
- Water and stormwater management viewed as “siloes” - how we manage water, public awareness, and governance are not aligned
- Regulations often do not address the linkages between different water resources, or may present barriers to capture efforts



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Opportunities:

- Pass AB 1750 – The Rainwater Capture Act
- Increase focus on stormwater capture for water supply in the State Water Plan
- Help pass stormwater fee initiatives or revisit Prop 218 to allow stormwater to be addressed like water/sewer fees
- Help establish efforts to quantify the benefits of stormwater capture, or analyses to determine the best opportunities or locations for stormwater capture projects