



**Low Impact Development Practices  
For Stormwater in our Semi-Arid Environment:  
A Regional Dialogue**

**March 15, 2011**

**Joel D. Valdez Main Library**

Basement Conference Room

101 N. Stone Avenue, Tucson, AZ 85701

**8:00 a.m. – 4:00 p.m.**

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**GOAL:**

The goal of this workshop is to lay the foundation for integrating the use of Low Impact Development (LID) practices into development in Pima County. Workshop participants will review and discuss guidelines and policies designed to encourage and regulate LID practices consistently.

**SCOPE:**

An element of the City of Tucson/Pima County Water & Wastewater Infrastructure, Supply & Planning Study Action Plan for Demand Management Water Sustainability Goals and Recommendations is Goal 5:

*Increase the use of rainwater and stormwater to reduce demands on potable supplies.*

*Goal 5.1: Develop design guidelines for neighborhood stormwater harvesting, and*

*Goal 5.2: Analyze expanded water and stormwater harvesting potential and benefits.*

This workshop will engage knowledgeable and experienced staff from agencies and design firms involved in developing guidelines and/or standards of practice for LID related to water and stormwater harvesting. Workshop participants will share their experiences and successes and develop a list of policy gaps and needs for LID implementation in a semi-arid climate. Participants will develop a better understanding of the potential benefits of LID and potential barriers to acceptance and implementation of LID practices. Break-out groups will identify next-step tasks to move the use of LID practices forward in this region.

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<b>8:00 – 8:30</b>	Meet and Greet
<b>8:30 – 8:45</b>	Welcome and Introduction
<b>8:45 – 9:45</b>	<p><i>“From BMPs to LID to Green Infrastructure – Case Studies”</i> John Wise, Principal, Stantec</p> <p><i>“Applying LID Practices in Arizona’s MS4 Permits”</i> Marie Light, Senior Hydrologist, Pima County Department of Environmental Quality</p> <p><i>“The Potential for Beneficial Use of Stormwater in Pima County – Findings of the City/County Study on the Use of Stormwater”</i> Evan Canfield, Chief Hydrologist, Pima County Regional Flood Control District</p> <p><i>“IMP Grading &amp; Drainage Design – City of Tucson Regulatory Requirements and Site Constraints”</i> Elizabeth Leibold, Civil Engineer, City of Tucson</p>
<b>9:45 – 10:00</b>	Break
<b>10:00 – 11:15</b>	<p><i>“The Evolution: Clean Water to LID, San Antonio TX”</i> John Malueg, Principal, Stantec</p> <p><i>“Lowering Water Demand on Pima County Roadways”</i> Ellen Alster, Senior Landscape Architect, Pima County Department of Transportation</p> <p><i>“Review of Landscape Replacement Rebate Programs in the Southwestern USA”</i> Monisha Banerjee, GeoSystems Analysis, Inc.</p> <p><i>“Green Infrastructure Programs of Watershed Management Group”</i> James MacAdam, Program Manager, Green Streets/Green Neighborhoods Program Watershed Management Group</p>
<b>11:15 -11:30</b>	Questions
<b>11:30 – 1:00</b>	<b>Lunch on your own</b>
<b>1:00 – 2:00</b>	Break-out Groups: Site Planning (Elizabeth Scott, U of A Landscape Arch., Facilitator) Lot-scale Practices (John Wise, Stantec, Facilitator) Neighborhood Common Areas (Mark Murphy, Geosystems Analysis, Facilitator) Streetscape and Right-of-Way (Benny Young, Olsson Assoc., Facilitator) Redevelopment (Gina Chorover, City of Tucson, Facilitator)
<b>2:00 – 2:15</b>	Break
<b>2:15 – 2:45</b>	Group Reports
<b>2:45 – 3:15</b>	Summary of Recommendations and Next-Step Tasks
<b>3:15 – 3:30</b>	Closing

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