



What is LID?

Low Impact Development (LID) is a comprehensive approach to site planning, design and pollution prevention strategies that, when combined, create a more economically sustainable and ecologically functional landscape. Whether for new development or re-development, urban or rural applications, LID works with nature to manage stormwater as close to its source as possible. The result is functional and appealing site drainage which restores the ecological integrity of receiving waters, promotes the natural movement of water within an ecosystem or watershed, and reduces construction, maintenance and inspection costs. LID is also associated with a variety of environmental, economic, and human health benefits, many of which go hand-in-hand with one another. Some benefits include stormwater pollutant reductions, reduced energy demands, reduced flooding, improved air quality, additional recreation and habitat space, and increased land values.

About the FREE Houston LID Workshops

National LID expert Mr. Larry S. Coffman will lead the LID workshop facilitated by the Lady Bird Johnson Wildflower Center, the Center for Research in Water Resources, and the Houston Land Water Sustainability Forum. Mr. Coffman has over 36 years of experience in urban stormwater management and is considered the nation's foremost expert on LID technologies and programs.

This workshop will address a broad range of Houston-specific LID topics including:

- Important regulatory challenges of LID adoption;
- Water quality improvements for the community, looking at the Buffalo & White Oak bayous in particular
- The design and engineering of LID in Houston's environment; and
- Provide attendees with skills to implement LID in their region.

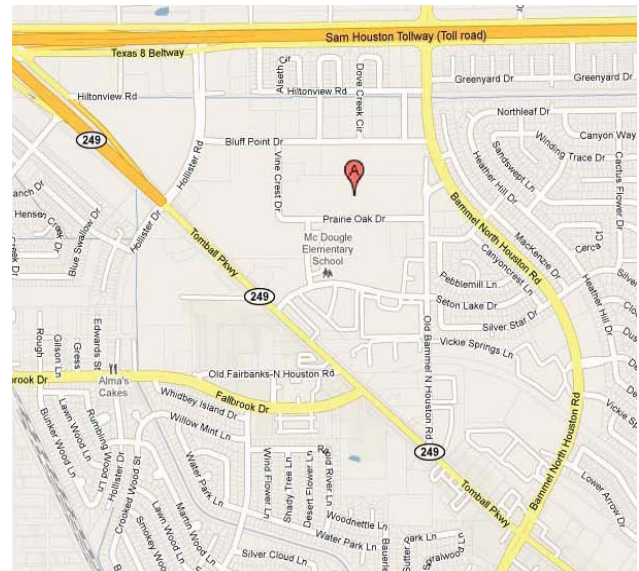
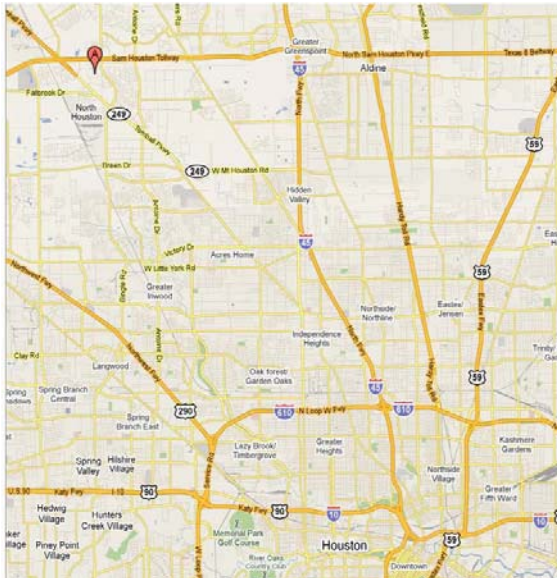
Come learn about LID, refresh your LID skills, and be recognized as a regional LID leader in this multi-layered workshop event. A brief introduction will be provided for those who are new to LID, and provide the opportunity to all stakeholders to learn about local LID code developments. The workshop will build upon the Houston LID competition and Houston Land Water Sustainability Forum's permitting criteria workshop series to provide more advanced technological discussions and regional applications. These workshops will be valuable for both those new to LID and those already experienced with LID. Don't miss this opportunity to enhance your career, make an impact, and have a voice in the LID movement in Houston!

Who should come? Local, state and federal government administrators and regulators; developers, builders, contractors; land use/development planners, civil/environmental engineers, landscape architects; environmental professionals/consultants; and other stormwater professionals. CEUs and CECs available for ASLA, ASCE, and AICP.

For more information, and to register, please contact Julia Raish, LID Program Coordinator at iraish@wildflower.org or 512.232.0170.

When & Where

November 8-9, 2010
Harris County Flood Control District
North Service Center Complex
7522 Prairie Oak Dr.
Houston, TX



Parking is limited; only about 20 spaces are available in the North Service Center parking lot. Carpooling is encouraged. All other parking will be street side on Prairie Oak Drive.

Workshop Agenda

Day One: Technology and Environment

8:15	Coffee
8:30	Introduction
9:00-11:00	Larry Coffman LID Presentation Comprehensive overview of LID's unique philosophy, principles, practices and processes.
11:00-12:00	Kansas City's 10,000 Rain Gardens Initiative (David Dods, URS Corp.)
12:00 -1:00	<i>Lunch (provided)</i>
1:00-2:00	Texas & Houston LID (Coffman) Demonstrate and discuss LID's applications to Houston's unique and diverse geology, hydrology and ecosystems. LID program implementation strategies for local governments,
2:00 – 2:30	Green Roofs (Dr. Mark Simmons) Current green roof research in Texas and opportunities for Houston
2:45 – 3:30	LID & Pollutant Removal Capabilities (Dr. Michael Barrett) New research regarding biofiltration media
3:30 – 4:00	Houston Land Water Sustainability Forum (Bob Adair) Houston LID Competition, Forum's role in the development of an interim design criteria, summary of HLWSF's LID permitting criteria workshops.

Day Two: Navigating the Design & Policy Process: Identifying LID obstacles and Offering Regional Solutions

8:15	Coffee
8:30-9:00	Introduction
9:00-10:30	Panel 1: Perspective on LID from Regulatory Agencies Representatives from Harris County Flood Control District, City of Houston, Harris County, local non-governmental agencies
10:45-12:00	Panel 2: Perspective on LID from the Practitioner Representatives from the local engineering, planning, and landscape architecture communities
12:00-1:00	<i>Lunch (provided)</i>
12:00-2:00	Technology Tool-kit I (Coffman) An in-depth spotlight on several LID tools identified as beneficial for Houston: rain gardens / bioretention, vegetated bioswales, and more. Focus will be on sizing and design, implementation, cost, maintenance and monitoring, and water quality benefits.
2:15-3:00	Technology Tool-kit II (Coffman)
3:00-3:30	Code Summary & Opportunities
3:30 - 4:00	Closing: Texas LID website & Houston Land Water Sustainability Forum