



LOW IMPACT DEVELOPMENT RESOURCES

Detention and Downstream Impacts

Emerson, Clay H., Claire Welty, and Robert G. Traver. "Watershed-Scale Evaluation of a System of Storm Water Detention Basins." 2005. *Journal of Hydrologic Engineering*, Vol. 10, Issue 3 (May/June): 237-242.

Low Impact Development

Original Manuals

Low Impact Development Design Strategies: An Integrated Approach, Prince George's County Maryland, 1999.

Low Impact Development Hydrologic Analysis, Prince George's County Maryland, 1999.

Papers – Journals and Conference Proceedings

Beyerlein, Douglas, Joseph Brascher, and Shanon White. "HSPF-Based WWHM: A Tool for Stormwater Design Using Flow Duration Criteria." 2005. *Watershed*.

Cheng, Mow-Soung, Larry S. Coffman, et. al. "BMP Model for Low-Impact Development." 2004. *World Water Congress*.

Cheng, Mow-Soung, Larry S. Coffman, et. al. "Comparison of Hydrological Responses from Low Impact Development with Conventional Development." 2003. *Protection and Restoration of Streams*: 419 – 430.

Clar, Michael and Larry Coffman. "Low Impact Development Applications for Ultra Urban Areas." 2001. *World Water Congress*.

Coffman, Larry, Michael Clar, and Neil Weinstein. "Low Impact Development Management Strategies for Wet Weather Flow Control." 2000. *Water Resources*.

Coffman, Larry S. and Robert Goo. "Low-Impact Development An Innovative Alternative Approach to Stormwater Management." 1999. *WRPMD*.

Huber, Wayne C., William J. Wells, and Ian K. Besaw. "Application of SWMM5 for BMP/LID Quality Evaluation." 2005. *EWRI*.

Wright, Leonard, James P. Heaney, and Neil Weinstein. "Micro-scale Modeling of Low Impact Development." 2000. *Water Resources*.



Software

HSPF (Hydrologic Simulation Program FORTRAN)

SWMM5 – U.S. EPA Program

PC-SWMM PP – Hydraulic Design of UNI Permeable Interlocking Pavements, www.uni-groupusa.org.

WWHM (Western Washington Hydrology Model)

Websites

Green Highways Partnership – www.greenhighways.org

- Source of information on green highways and LID for roadways

Low Impact Development Center Urban Design Tools – www.lid-stormwater.net

- Source of LID standards, specifications, planning documents, and training module

North Carolina State University Stormwater Engineering Group – www.bae.ncsu.edu/stormwater

- Source of journal articles and conference papers, powerpoints, LID design specifications, rainwater harvesting and bioretention models/spreadsheets, and training

Texas Water Development Board's *Texas Guide To Rainwater Harvesting* – www.twdb.state.tx.us/publications/reports/RainwaterHarvestingManual_3rdedition.pdf

- Source of detailed information on rainwater harvesting, Texas rainfall data, and sizing cisterns

U.S. Department of Housing and Urban Development's *The Practice of Low Impact Development* – www.huduser.org

U.S. EPA Green Headquarters Demonstration Project – www.epa.gov/greeningepa/stormwater/hq_projects.htm

- Source of information on LID and specific information and photos of EPA's Green Headquarters Demonstration Project

No Adverse Impacts

Larson, Larry and Doug Plasencia. 2001. "No Adverse Impact: New Direction in Floodplain Management Policy." *Natural Hazards Review*, Vol. 2, Issue 4 (November): 167-181.