1. Record Nr. UNINA9910456222803321 Low Impact Development 2010 [[electronic resource]]: redefining **Titolo** water in the city / / edited by Scott Struck, Keith H. Lichten Pubbl/distr/stampa Reston, Va., : American Society of Civil Engineers, c2010 **ISBN** 0-7844-7339-0 Descrizione fisica 1 online resource (1766 p.) Altri autori (Persone) StruckScott D LichtenKeith H Disciplina 628.21 Soggetti Runoff - Management Urban runoff - Management Sustainable development Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Proceedings of the 2010 International Low Impact Development Note generali Conference, April 11-14, 2010, San Francisco, California. Sponsored by Low Impact Development Technical Committee, Urban Water Resources Research Council, Environmental and Water Resources Institute (EWRI) of the American Society of Civil Engineers." Includes bibliographical references and index. Nota di bibliografia ""Table of Contents""; ""A National Assessment of Rainwater Harvesting: Nota di contenuto Challenges, Needs, and Recommendations""; ""Demonstration and Monitoring of Rainwater Harvesting Technology in North Carolina""; ""Do Rainwater Harvesting Objectives of Water Supply and Stormwater Management Conflict?""; ""Rainwater Harvesting from Roofs for Non-Potable Reuse""; ""Advances in LID BMP Design Methods Lessons Learned""; ""A Methodology for using Rainwater Harvesting as a Stormwater Management BMP"" ""ASCE EWRI Permeable Pavement Technical Committee Introduction of Committee Goals and Chapter 1 of Guidelines Design Considerations Common to All Permeable Pavements"""Best Practices for Maximum Beneficial Use of Rainwater""; ""Considerations in Selecting a (Bio) filtration Media to Optimize Lifespan and Pollutant Removal""; ""Estimation of Green Roof Evaptranspiration Experimental Results"";

""Impact of Maintenance and (Im)Properly Sizing Bioretention on Hydrologic and Water Quality Performance""; ""In Situ Bioretention

Design Concept""

""Introduction to Permeable Friction Course (PFC) Asphalt""" Maintenance and Repair Options for Pervious Concrete"; ""Measure Twice, Build Once: Bench-Scale Testing to Evaluate Bioretention Media Design""; ""Permeable Pavement Demonstration at the Edison Environmental Center""; ""Permeable Pavement Performance Over 3 Years of Monitoring""; ""Pervious Asphalt Roads and Parking Lots: Stormwater Design Considerations", ""Pervious Concrete Testing Methods""; ""Pervious Pavement Systems in Florida Research Results"" ""Replacing Incised Headwater Channels and Failing Stormwater Infrastructure with Regenerative Stormwater Conveyance"""The Urban Green BioFilter: An Innovative Tree Box Application""; ""Case Studies""; ""Case Study of LID Application and Design Method Rain Harvesting for Waterscape and Water Balance Analysis": ""Creating an LID Environment in an Ultra Urban Setting""; ""Effects of Minimum-Intervention-Design to Urban Waterfront Park in China: An application of POE""; ""Green Infrastructure for CSO Control In Kansas City, Missouri""

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""Coast to Coast, Integration of Stormwater Management with the Urban Landscape/Impacts on Organizational Culture""