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Nota di contenuto	Cover; Copyright; Contents; Acknowledgement; Wingspread Workshop Organizing Committee; Introduction to the book; Preface: Cities of the future: The fifth paradigm of urbanization; Part One: Urban Water Sustainability; 1. The importance of water infrastructure and the environment in tomorrow's cities; 2. Developments towards urban water sustainability in the Chicago metropolitan area; 3. Water and cities - overcoming inertia and achieving a sustainable future; Part Two: Impact of Extreme Events; 4. Hurricane realities, models, levees and wetlands 5. Water quality and public health - case studies of Hurricane Katrina and the December 2004 tsunami in ThailandPart Three: Monitoring, Urban Observatories and Total Mass Balance of Pollution in Cities; 6. Design of an environmental field observatory for quantifying the urban water budget; 7. Ecosystem approaches to reduce pollution in cities; 8.

Field data requirements for monitoring and modelling of urban drainage systems; Part Four: Hydrologic and Pollution Stresses, Response of Receiving Waters; 9. Ground water and cities
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11. Urban diffuse pollution and solutions in Japan; 12. Tools for the evaluation of stormwater management practices that provide ecological stability in urban streams; 13. Effluent dominated water bodies, their reclamation and reuse to achieve sustainability; Part Five: Integrated Solutions - Water and Landscape; 14. Reclaimed stormwater and wastewater and factors affecting their reuse; 15. Centralized and decentralized urban water, wastewater & storm water systems
16. Urban ecological design and urban ecology: An assessment of the state of current knowledge and a suggested research agenda
17. Green infrastructure for cities: The spatial dimension; 18. Strategic planning of the sustainable future wastewater and biowaste system in Goteborg, Sweden; 19. The role of low impact redevelopment/development in integrated watershed management planning: Turning theory into practice; 20. Automation and real-time control in urban stormwater management; Part Six: Implementing Future Urban Hydrological and Ecological Systems
21. Urban drainage at cross-roads: Four future scenarios ranging from business-as-usual to sustainability
22. Overcoming legal barriers to hydrological sustainability of urban systems; 23. Ecosystem resilience and institutional change: the evolving role of public water suppliers; 24. Financial, economic, and institutional barriers to "green" urban development: The case of stormwater; 25. Restoring the Charles River watershed using flow trading; Appendix; Index
