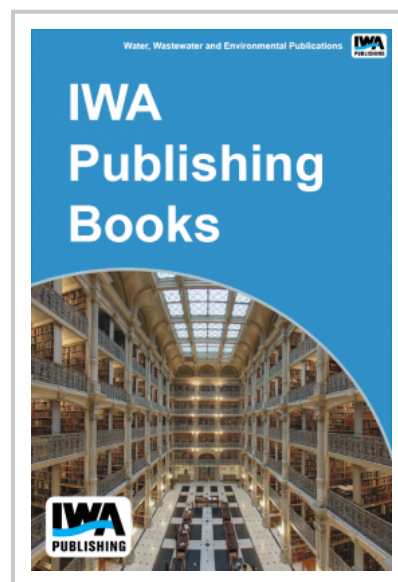


# Water-Wise Cities and Sustainable Water Systems: Concepts, Technologies, and Applications

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Building water-wise cities is a hot topic nowadays in both developed and developing countries. This is due to the limitation of the available water resources to meet the needs of fast urbanization and for urban liveability. This will be the first book to provide comprehensive insights into theoretical, systematic, and engineering aspects of water-wise cities with a broad coverage of global issues. The proposed book aims to (1) provide a theoretical framework of water-wise cities and the associated smart water systems including the key concepts and principles, (2) provide a brand-new thinking on the design and management of sustainable urban water systems of various scales toward paradigm shifting under the resource and environmental constraints, and (3) provide a technological perspective with successful examples of technology selection, integration, and optimization on the “fit-for-purpose” basis.



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