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Altri autori (Persone)	AhernJohn <1949-> BrownPaul <1944->
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Nota di contenuto	Water Centric Sustainable Communities: Planning, Retrofitting, and Building the Next Urban Environment; CONTENTS; PREFACE; Chapter I: HISTORIC PARADIGMS OF URBAN WATER/STORMWATER/WASTEWATER MANAGEMENT AND DRIVERS FOR CHANGE; Chapter II: URBAN SUSTAINABILITY CONCEPTS; Chapter III: PLANNING AND DESIGN FOR SUSTAINABLE AND RESILIENT CITIES: THEORIES, STRATEGIES, AND BEST PRACTICES FOR GREEN INFRASTRUCTURE; Chapter IV: STORMWATER POLLUTION ABATEMENT AND FLOOD CONTROL-STORM WATER AS A RESOURCE; Chapter V: WATER DEMAND AND CONSERVATION; Chapter VI: WATER RECLAMATION AND REUSE Chapter VII: TREATMENT AND RESOURCE RECOVERY UNIT PROCESSES Chapter VIII: ENERGY AND URBAN WATER SYSTEMS-TOWARDS NET ZERO CARBON FOOTPRINT; Chapter IX: RESTORING

Sommario/riassunto

The current literature compartmentalizes the complex issue of water and wastewater into its discrete components; technology, planning, policy, construction, economics, etc. Considered from the perspective of sustainability, however, water in the urban environment must be approached as a single resource that can be continuously reused and recycled. This book will be the first to capture all of the current work on this idea in a single, integrated, plan for designing the water-centric cities of the future. From new construction to the retrofitting of existing systems, this book presents the c