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Nota di contenuto	Chapter 1: Decentralized Green Water- Infrastructure Systems: Resilient and Sustainable Management Strategies for Building Water Systems -- Chapter 2: Advances in wastewater reclamation and reuse technologies: Selected case study projects in Japan -- Chapter 3: Smart Decentralized Water Systems In South Korea -- Chapter 4: Open datasets and IoT sensors for residential water demand monitoring at the end-use level: A pilot study sites in Naples -- Chapter 5: Maximizing the benefits of rainwater harvesting systems: Review and analysis of selected case study examples -- Chapter 6: Pathway to scaling up onsite non-potable water systems -- Chapter 7: Integrated water management for a sustainable office building -- Chapter 8: Examining Drivers and Barriers of Urban Water Reuse through Case Studies in Oklahoma, USA -- Chapter 9: The Impact of Location on Decentralized Water Use in

	Urban Agriculture -- Chapter 10: Water Sector Reconstruction for Post-Disaster Housing Settlements: A Tale of Two Governance Models. .
Sommario/riassunto	The central theme of this volume is innovations in decentralized green water-infrastructure systems (DGWIS). This volume presents a discussion of cross-disciplinary knowledge-base and case studies of DGWIS around the world. Topics include: (1) uses of locally available alternative water sources in urban settings; (2) smart technologies applied to urban water management system; (3); integrating locally available renewable energy use in urban water management system; (4) food-water-energy nexus in urban environments; and (5) decentralized disaster mitigation strategies in urban environments. This volume serves as a reference source for researchers and graduate-level instruction and a valuable guide for practice engineers and landscape planners interested and involved in holistic and resilient water management practices in urban environments.