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| Descrizione fisica | 1 online resource (164 pages) |
| Collana | Earth and Environmental Sciences Library, , 2730-6682 |
| Altri autori (Persone) | ZelenakovaMartina NegmAbdelazim |
| Disciplina | 551.48 |
| Soggetti | Water Hydrology Environmental engineering Biotechnology Bioremediation Sustainability Environmental Engineering/Biotechnology |
| Lingua di pubblicazione | Inglese |
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| Nota di contenuto | State of Art, Definition of New Concepts of Sponge City and Blue Green Infrastructures -- Sustainable Water Management and Hybrid Infrastructures -- Analysis of Climatic Parameters in Urban Area -- Measuring Selected Physical Parameters of Hybrid Infrastructure -- Subjective Indoor Environmental Quality in Green Office Buildings. |
| Sommario/riassunto | This book focuses on the access to water in the building and its surroundings, to infer the mutual interaction and the complex interconnection of green/blue infrastructures. This book is a tool for understanding the multifunctional functionality of urban waste water to recognize their efficient and strategically useful potential in the form of aesthetic and functional architectural elements—vertical gardens, waterproof roof systems, rain gardens, retention rainwater recirculation tanks, biomarkers for wastewater treatment, and other progressive technologies and technical solutions. The originality of the proposed book and the innovation of the proposed objectives lies in the |

complexity and interdisciplinary of the problem solved, with clear continuity and utilization in professional building, environmental, and psychosocial practice. Understanding the quality of life as a category influenced by several objective and subjective conditions, this manuscript draws up recommendations on how to build “green buildings”—progressively supplied with water, connecting infrastructures—from existing buildings (administrative or training).
