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recommendations; Further reading; References; Section 2 People; 4 Understanding Consumer Response to Water Efficiency Strategies; Introduction; Explorations in socio-demographic and contextual factors; Broadening the understanding of consumer responses Recognising the attitude-behaviour gapConclusion and recommendations; Further reading; References; 5 Distributed Demand and the Sociology of Water Efficiency; Introduction; Developing an idea of 'distributed demand' and a practice perspective on water efficiency; Beyond behaviour and technology: a practice perspective on 'efficiency'; Conclusion; Acknowledgements; Further reading; References; 6 Co-creating Water Efficiency with Water Customers; Introduction; Information technology for co-creation; A co-creation toolkit for personalised value and knowledge for water efficiency; Discussion ConclusionFurther reading; References; Section 3 Building Design and Planning; 7 Assessment Methodologies for Water Efficiency in Buildings; Introduction; Building environmental assessment and rating methods; Discussion; Conclusion; Further reading; References; 8 Intelligent Metering for Urban Water Planning and Management; Introduction; Role of intelligent water metering and big data; Intelligent metering applications and benefits; Conclusion and recommendations; Further reading; References; 9 Integrated Sustainable Urban Drainage Systems; Introduction; Sustainable drainage systems
Types of SuDsCase studies: integrated SuDs; Conclusion; Further reading; References; Section 4 Alternative Water Technologies; 10 Greywater Recycling in Buildings; Introduction; Greywater quantity and quality; Greywater policy and guidelines; Greywater technology; Project examples; Benefits and constraints of greywater recycling; Conclusion and recommendations; Further reading; References; 11 Rainwater Recycling in Buildings; Introduction; Rainwater harvesting systems; Rainwater quality; Treatment technologies; Storage system sizing; Environmental benefits; User perception and acceptability Conclusions

Sommario/riassunto

A roadmap to water efficiency in buildings. provides comprehensive and up-to-date information on water efficiency in buildings all in one bookincludes both research and showcases of innovations, systems and approaches for water efficiency in buildingscollates learning and evidence that can be used to understand and apply solutions for water efficiency in buildingspresents a multi-disciplinary viewpoint, from architecture to environmental science and socio-psychologydemonstrates how to engage stakeholders in a systems approach to tackling