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Nota di contenuto	1 Introduction 1.1 Problem statement 1.2 Research theme and objectives 2 Multi-criteria Approach for Selection of Green-blue and Grey Infrastructure 2.1 Introduction 2.2 Selection of Green and Grey Measures 2.3 Methodology 2.4 Results and Discussion 2.5 Conclusions 3 Considering Stakeholders Perceptions for Green-blue Infrastructure Selection 3.1 Introduction 3.2 Linking Green Infrastructure, Co-Benefits, Ecosystem Services, and Human Well-Being 3.3 Methodology 3.4 Study Area 3.5 Results and Discussion 3.6 Conclusions 4 Assessing the Co-Benefits of green-blue-grey infrastructure 4.1 Introduction 4.2 Methodology 4.3 Results 4.4 Discussion 4.5 Conclusions 5 Exploring trade-offs among the multiple benefits of green-blue-grey infrastructure 5.1 Introduction 5.2 Methodological approach 5.3 Results 5.4 Discussion 5.5 Conclusions 6 Outlook 6.1 Introduction 6.2 Outcomes 6.3 Reflections 6.4 The way forward References 7 Appendix A 8 Appendix B
Sommario/riassunto	An increment of urban flood risk in many areas around the globe is expected, accentuated due to climate change and urbanisation. Thus, appropriate flood risk management is crucial. Conventional approaches focus on grey infrastructure, which frequently do not address the root

causes of risk. A change of paradigm is needed to develop effective adaptation strategies. Green-blue infrastructure (GBI) is a central concept to achieve adaptation to climate change. Its main strength is the ability to deliver multiple benefits. Although strong evidence exists demonstrating that GBI is a sustainable solution to reduce flooding, its adoption is still slow. Therefore, the objective of this research is to help decision-makers to adopt adaptation strategies to cope with flood risk while achieving other benefits. This study provides a framework which introduces co-benefits into decision-making for stormwater infrastructure planning. Besides, the multiple benefits are quantified and their impact on helping GBI implementation are evaluated. Finally, the effects of including co-benefits on the selection of flood mitigation strategies and the trade-offs among cost and benefits are assessed. This work contributes to enhance planning processes for flood mitigation combining green-blue-grey measures. It provides tools and knowledge to facilitate holistic decision-making, in order to ensure safe and liveable urban spaces for current and future conditions.

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Autore	Middlewood David
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Note generali	Description based upon print version of record.
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Nota di contenuto	Effectiveness in Professional Learning and CPD -- The School -- College as a Research-based Community -- Involving Learners in Research and Professional Learning -- Improving Professional Learning at Whole School Level -- Collaborative and Team Approaches to Professional Learning -- Improving Professional Learning at Individual Classroom Level -- The Secondary School as Research Community -- Richard Parker -- The Primary School with CPD at Its Heart -- Sue Robinson -- The Post-Compulsory College : Investigating Teaching and Learning -- Derek Warren and Cathy Francis-Wright -- The Abu Dhabi schools and Researching Staff Needs in a Centralised System -- Ayman Hefnawi, Auruna Rajah and Uwem Umana with Philip Whitehead and David Middlewood -- Conclusions and Reflections.
Sommario/riassunto	"Improving Professional Learning through In-House Inquiry shows how to identify the Continuous Professional Development (CPD) needs of an individual or team and then to meet those needs through carrying out specific inquiry within the organisation. Middlewood and Abbott demonstrate how the most effective professional learning occurs when the needs of an organisation are identified at all levels and provide clear support for following this approach. The authors also show that effective student involvement is key because it clearly links CPD with the ultimate aim: to meet students' learning needs. Examples of how this has been achieved successfully in schools and colleges are drawn on throughout, showcasing a variety of settings in various countries. Four extended case studies from different types of educational institutions are provided to illustrate learning journeys."--Bloomsbury Publishing.