

1. Record Nr.	UNINA9910678247503321
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Titolo	Environmental risks posed by microplastics in urban waterways // Beibei He [and five others]
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore Pte Ltd., , [2023] ©2023
ISBN	981-9906-28-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (83 pages)
Collana	SpringerBriefs in Water Science and Technology, , 2194-7252
Disciplina	363.738
Soggetti	Microplastics Plastic marine debris Urban watersheds
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Microplastics as Emerging Pollutants in Urban Waterways -- Factors Influencing MPs Presence in Urban Waterways -- Risk Associated with MPs in Urban Waterways -- Case Study—Risks Posed by MPs Presence and Transport in Brisbane River Sediments, Australia -- Practical Implications and Recommendations for Further Research.
Sommario/riassunto	This book presents comprehensive knowledge regarding the spatial and temporal distributions, influential factors, interactions with coexisting contaminants, migration behavior, and environmental risk posed by microplastics (MPs) in urban waterways. It provides a novel theoretical approach for the combined risks from MPs and coexisting contaminants, and advanced three-dimensional modeling techniques for different MPs' dispersal and transport behaviors in urban waterways. Additionally, this book presents a scientifically robust investigation on the correlations between various influential factors and heterogeneity in relation to MP presence in river systems. The new knowledge presented would be of particular interest to readers such as urban water management professionals, urban plastic waste regulators, decision-makers, urban planners, and water environment quality model developers, as it provides practical solutions and recommendations for plastic-polluted river quality improvement from a risk management

perspective.
