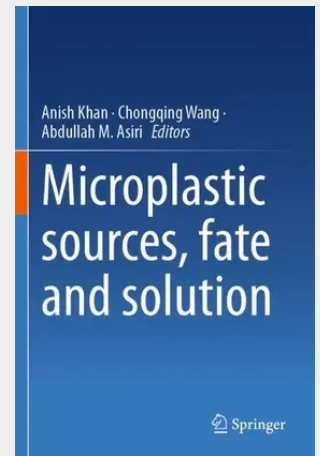


Microplastic sources, fate and solution

This book provides an overview of the sources, occurrence, fate and solution of microplastics. Microplastics in sediment and soil environment have been only scarcely surveyed, and no profound discussion on microplastics removal is summarized until this book. Here we focus on sharing clear schematic information and the book sufficiently supports important microplastic topics: such as microbial network, microplastic toxicology and accumulation, agricultural plastics, nylon microplastics, polystyrene microplastics, polyethylene microplastics and many more. The book mainly provides an overview of recent advances in knowledge of sources, occurrence, distribution, chemical behavior and ecological threats while it also presents information related to feasible solutions for microplastic pollution management. This comprehensive resource will be valuable up-to-date knowledge for environmental scientists, ecotoxicologists, ecologists, marine biologists, environmental chemists in the academic field and this book is intended to be beneficial information for environmental managers, water suppliers, wastewater treatment, plastics manufacturer, and policy makers as well.

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