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Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- List of Contributors -- Preface -- Chapter 1 Sources, Occurrence, and Analysis of Microplastics in Freshwater Environments: A Review -- 1.1 Introduction -- 1.2 Sources of Microplastic -- 1.2.1 Primary Sources -- 1.2.1.1 Microplastics from Personal Care Products -- 1.2.1.2 Microplastics from Plastic Resins -- 1.2.2 Secondary Sources -- 1.2.2.1 Microplastics from Degradation of Plastic Debris -- 1.2.2.2 Microplastics from Textile and Domestic Washing -- 1.3 Pathways of Microplastics into Freshwater Environments -- 1.4 Microplastic Analytical Methods in Freshwater -- 1.4.1 Sampling of Microplastic -- 1.4.1.1 Water Samples -- 1.4.1.2 Sediment Samples -- 1.4.2 Sample Preparation -- 1.4.2.1 Extraction of Microplastics -- 1.4.2.2 Removal of Organic Debris -- 1.4.3 Identification of Microplastic -- 1.4.3.1 Visual Sorting -- 1.4.3.2 Identification of Microplastics by Chemical Composition -- 1.5 Occurrence of Microplastic in Freshwater Environments -- 1.5.1 Microplastic in Lakes -- 1.5.2 Microplastic in Rivers -- 1.6 Conclusions and Recommendations -- Acknowledgments -- References -- Chapter 2 Microplastics in Freshwater Environments - With Special Focus on the Indian Scenario -- 2.1 Introduction -- 2.2 The Nature and Production of Microplastics -- 2.3 Global Ecological Impacts of Plastic Pollution -- 2.4 Socio-

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Sustainability by LCA -- 13.5 Discussion and Conclusion -- References
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Dimension of Plastic Pollution.
14.4 Plastic Pollution in Natural Environments.
