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Sommario/riassunto	Synthetic plastic offers a wide range of utilities because of its physico-chemical properties, thus the demand for its commercial availability and generation of waste is inevitable. Although the scientists have proved over the years that plastics can be efficiently biodegraded by different potential microorganisms, this sustainable green technology is still in the cocoon phase and overlooked by the industry and government as well. Therefore, this book will showcase the cutting-edge microbial tools to mitigate the plastic waste sustainably in consideration of latest technologies and recent strategic advancements besides discussing the global plastic production and their impacts on environment. It will also provide the present status and future perspectives of the environmental clean-up technologies. Moreover, it is an effort to ascertain the potential areas for large-scale biodegradation or pilot scale or start-up ventures in the field of plastic

remediation strategy.
