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Sommario/riassunto

This book, 'Algae Mediated Industrial Prospectives', edited by Gokare A. Ravishankar, Ambati Ranga Rao, and Se-Kwon Kim, explores the utilization of algae in industrial applications, particularly focusing on wastewater treatment and pollution remediation. The volume discusses various algae-based technologies and methodologies for removing pollutants, heavy metals, and dyes from different types of wastewater, including aquaculture, food processing, and industrial effluents. It also examines the role of algae in carbon dioxide sequestration and the potential for valorizing algal biomass into valuable products. Aimed at researchers, environmental scientists, and industry professionals, the book provides insights into sustainable waste management practices and the development of environmentally friendly technologies.
