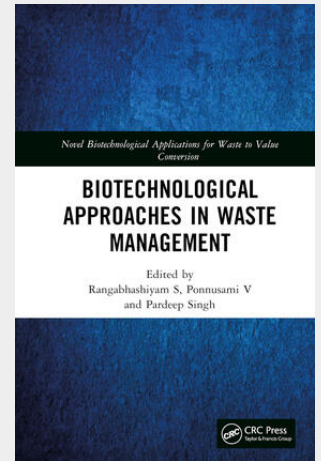


## Biotechnological Approaches in Waste Management

Waste generation from industrial and domestic sectors is imposing a very challenging environment and the intervention of biotechnology offers a viable solution for their effective management. This book deals with the employment of biotechnological aspects for waste treatment including the basic concepts, biochemical processes, and various technologies for pollutant reduction and production of value-added products for a cleaner environment. It covers different aspects of biotechnology in the conservation of environment dealing with the sustainable management of waste through the concept of waste-to-economy along with the management of environmental pollutants and natural resource conservation. - Focuses on ecological approaches i.e., the use of biocatalysts and biotechnological approaches for waste management - Explores the different biotechnology-based solutions for the removal of environmental pollutants - Covers various microbiological routes, technological options for waste to energy, removal of contaminants, and the production of value-added products - Reviews the bioremediation potential of microbial strains and enzymes - Explores the significant routes of biotechnological means of obtaining eco-friendly products substituting the hazardous chemical-based products This volume is aimed at researchers and professionals in environmental, biotechnology, and chemical engineering.



**157,50 €**

147,20 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

**Artikelnummer:** 9781032036298

**Medium:** Buch

**ISBN:** 978-1-032-03629-8

**Verlag:** Taylor & Francis Ltd

**Erscheinungstermin:** 14.11.2022

**Sprache(n):** Englisch

**Auflage:** 1. Auflage 2022

**Serie:** Novel Biotechnological Applications for Waste to Value Conversion

**Produktform:** Gebunden

**Gewicht:** 548 g

**Seiten:** 278

**Format (B x H):** 241 x 162 mm

