

1. Record Nr.	UNINA9910728940603321
Autore	El Bari Hassan
Titolo	Waste Management in Developing Countries [[electronic resource] /] / edited by Hassan El Bari, Cristina Trois
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-28001-6
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (257 pages)
Collana	Waste as a Resource, , 2731-8230
Altri autori (Persone)	TroisCristina
Disciplina	363.728091724
Soggetti	Refuse and refuse disposal Renewable energy sources Sustainability Pollution Environmental engineering Biotechnology Bioremediation Waste Management/Waste Technology Renewable Energy Environmental Engineering/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1: Waste Management Diagnostic Trends in Developing Countries -- Waste Generation and Characteristics -- Waste Collection Situation -- Waste Recycling and Recovery -- Landfill Disposal -- Waste Legislation Aspect -- Economic and Financial Aspects of Waste Management -- Part 2: Impact of Poor Waste Management in Developing Countries -- Impact on Human Health -- Impact on Water -- Impact on Soil -- Impact on Climate Change -- The Waste Informal Sector Impact -- Part 3: Towards a Good and Adequate Governance of Waste Management in Developing Countries -- Towards Improved Waste Legislation and Laws -- Appropriate Financial Instruments for Waste Management -- Waste Management Institutional Aspects -- Part 4: Appropriate Waste Technologies for Developing Countries -- Improvement of Waste Collection System -- Waste Recycling Process in

Circular Economy Context -- Organic Waste Composting -- A Suitable Biochemical Conversion Technology for Organic Waste Recovery -- Thermochemical Conversion as an Organic Waste Recovery.

Sommario/riassunto

This book presents state-of-the-art solid waste management in developing countries. It outlines the impact of poor solid waste management on human health and the environment and examines appropriate solid waste management technologies for the developing world. Contributions define waste recovery in a circular economy context and the informal sector's role, describe how sustainable and integrated solid waste management in developing countries contributes to reducing greenhouse gases and their effect on climate change, and analyze the financial and legislation aspects of solid waste management. Waste Management in Developing Countries will be an essential reference for researchers, scientists, and students in waste management and environmental sciences, as well as waste management practitioners, policymakers, municipal officials, and related industry professionals. Examines potential for reducing GHG emissions through waste management; Looks at technology for developing countries; Includes waste-to-resource case studies. .
