

1. Record Nr.	UNINA9910853995703321
Autore	Anouzla Abdelkader
Titolo	Technical Landfills and Waste Management [[electronic resource]] : Volume 1: Landfill Impacts, Characterization and Valorisation // edited by Abdelkader Anouzla, Salah Souabi
Pubbl/distr/stampa	Springer Nature Switzerland, 2024 Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-52633-3
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (274 pages)
Collana	Springer Water, , 2364-8198
Altri autori (Persone)	SouabiSalah
Disciplina	363.728 628.4
Soggetti	Refuse and refuse disposal Pollution Environmental management Environmental sciences - Social aspects Environmental health Waste Management/Waste Technology Environmental Management Environmental Social Sciences Environmental Health
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Electrical and electromagnetic prospecting for the characterization of municipal waste landfills: A review -- Chapter 2: Characteristics and impacts of municipal solid waste (MSW) -- Chapter 3: Characteristics and Impact Assessment of Municipal Solid Waste (MSW) -- Chapter 4: Characteristics and Impacts of Municipal Solid Waste (MSW): A Review -- Chapter 5: An Overview on Municipal Solid Waste Characteristics and Its Impacts on Environment and Human Health -- Chapter 6: Landfills in Developing Economies: Drivers, Challenges, and Sustainable Solutions -- Chapter 7: The Environmental Pressure by Open dumpsites and Way Forward -- Chapter 8: Assessing two sanitary landfills in the West Bank of Palestine: Current situation

and future obstacles -- Chapter 9: Industrial solid wastes and environment: an overview on global generation, implications, and available management options -- Chapter 10: Micro/Nanoplastics Pollution from Landfill Sites: A Comprehensive Review on the Formation, Distribution, Effects and Potential Mitigation.

Sommario/riassunto

A "zero waste" society and the "circular economy" trend are urgently needed. Even if achieving 100% trash recycling and a fully circular economy may not always be attainable, aiming toward this goal might result in a sustainable future. Municipal solid wastes pose a hazard to the environment because of open burning, landfills, reckless disposal, and many other factors. Waste is being thrown away in more significant quantities and is made up of several different materials. Municipal solid waste (MSW) characteristics must be carefully considered when developing, implementing, or modifying solid waste management systems. Local waste variables that vary with cultural, climatic, socioeconomic, and institutional capacities are crucial for developing efficient waste management techniques. This book provides a comprehensive overview of landfills' situation, their categories, and the types of garbage they receive. The final section of the study provides an overview of prospective waste management techniques, their restrictions, and the potential areas for further research on landfill sites. This book has the advantage that world-class experts in their respective fields have written each chapter. As a result, this book presents a balanced picture across the whole spectrum of chapters on municipal solid wastes.
