

1. Record Nr.	UNINA9910473446203321
Titolo	Handbook of Solid Waste Management [[electronic resource]] : Sustainability through Circular Economy // edited by Chinnappan Baskar, Seeram Ramakrishna, Shikha Baskar, Rashmi Sharma, Amutha Chinnappan, Rashmi Sehwat
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-7525-8
Descrizione fisica	1 online resource (20 illus., 10 illus. in color.)
Disciplina	363.728 628.4
Soggetti	Waste management Engineering geology Engineering—Geology Foundations Hydraulics Green chemistry Environmental engineering Biotechnology Waste Management/Waste Technology Geoengineering, Foundations, Hydraulics Green Chemistry Environmental Engineering/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Solid Waste Management In Developing Countries: Towards A Circular Economy -- 2. Research Trends Of The Management Of Solid Waste In The Context Of Circular Economy -- 3. Factors Influencing Circular Economy And Sustainability Of Waste Management -- 4. Pretreatments Of Solid Wastes For Anaerobic Digestion And Its Importance For The Circular Economy -- 5. Urban Solid Waste Management Strategies: Public And Urban Health Implications -- 6. Understanding Circular Economy In Solid Waste Management -- 7.

Green Ways For Solid Waste Management -- 8. Waste Management In The Changing Climate -- 9. Future Perspectives Of Solid Waste Management Strategy In India -- 10. Existing Challenges In Solid Waste Management System For A Rapidly Urbanizing Locality In Southern India: Recommendations Based On ULB -- 11. Issues And Challenges Of Municipal Solid Waste Management (MSW) In India -- 12. Assessment Of Quality Of Compost Derived From Municipal Solid Waste -- 13. Solid Waste Management In Novokuznetsk, Russian Federation: Moving Towards A Circular Economy? -- 14. A Transition Towards A Circular Economy: Insights From Brazilian National Policy On Solid Waste -- 15. Analysis Of The Implantation Of A System For The Sustainable Management Of Solid Urban Waste In The Brazil.

Sommario/riassunto

The issue and finding the green solution of Solid Waste Management are important challenges throughout the world. This book explores cutting edge developments in Circular Economy and Sustainability on Solid Waste Management, current research perspectives, existing problems on solid waste management system, industrial development and the latest green methodology for in Solid Waste conversion and regenerate products and materials, environmental solutions, social awareness and development on solid waste management and the future perspectives of Circular Economy for industrial revolution 4.0 with the mission of green chemistry and engineering on solid waste management. The book focuses on chapters from different researchers, faculty members, scientists and engineers, industrialist and experts from different countries working on the Circular Economy on Solid Waste Management. It also features the importance of integration of multi-disciplinary research fields on Circular Economy for Sustainable Development. It provides latest development in and current research perspectives, technology development, and critical thinking and societal requirements and development on Circular Economy of Solid Waste Management to researchers, scientists, engineers, environmental managers, policy makers, and Experts of Energy Division of Government and Private Organization and Industries.
