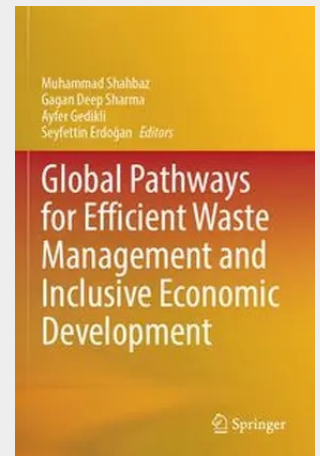


Global Pathways for Efficient Waste Management and Inclusive Economic Development

This book provides a comprehensive examination of various approaches to sustainable waste management, addressing solid waste management, smart waste solutions, policy formulation, and the global impact of waste management policies. By taking a holistic view, it aims to offer practical insights and solutions to the pressing environmental challenges we face today. Central to the discussion is the concept of waste reduction and the transition towards a circular economy model. Through innovative techniques such as Black Soldier Fly Larvae (BSFL) technology, digital water economy initiatives, and e-waste recycling, the book explores avenues for minimizing waste and promoting resource conservation. It advocates for policy restructuring, investment in circular technologies, and the incentivization of sustainable practices as crucial steps toward achieving meaningful progress in waste reduction efforts. Sustainable waste management includes the nexus between green innovation and waste prevention. By identifying both internal and external factors influencing the adoption of green innovation, the book sheds light on the challenges hindering progress, such as corporate inaction and ineffective government policies. It underscores the importance of fostering an environment conducive to innovation and outlines strategies for overcoming barriers to the widespread adoption of green technologies.

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