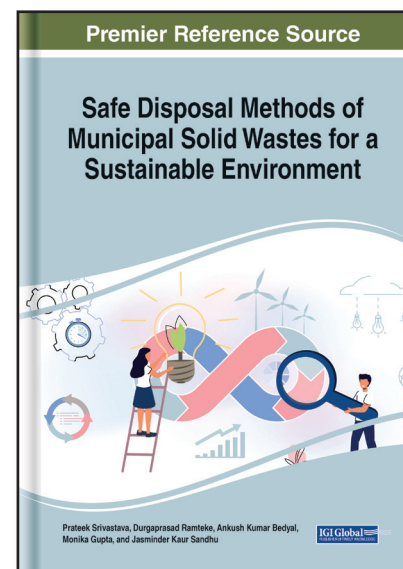


Safe Disposal Methods of Municipal Solid Wastes for a Sustainable Environment

Part of the Practice, Progress, and Proficiency in Sustainability Book Series

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Description:

Managing solid waste is one of the biggest challenges in urban areas around the world. Technologically advanced economies generate vast amounts of organic waste materials, many of which are disposed of in landfills. In the future, efficient use of carbon-containing waste and all other waste materials must be increased to reduce the need for virgin raw materials acquisition, including biomass, and reduce carbon emissions to the atmosphere, mitigating climate change. Moreover, expeditious development in information and communications technology (ICT) has made the machines more powerful and efficient, but at the same time, there is a simultaneous decrease in product life leading to an extensive rise in the annual production of e-waste, or electronic waste. Considering the health hazards and environmental implications of e-waste, it has become a global problem that needs serious attention.

Safe Disposal Methods of Municipal Solid Wastes for a Sustainable Environment covers waste management principles and strategies in different fields and corresponding applications. The book also focuses on the waste management strategies for a sustainable environment that have emerged. Covering key topics such as waste, energy, and recycling, this premier reference source is an excellent resource for environmentalists, government officials, researchers, scholars, academicians, practitioners, instructors, and students.

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