

Municipal Solid Waste Energy Conversion in Developing Countries: Technologies, Best Practices, Challenges and Policy

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Abstract

Municipal Solid Waste Energy Conversion in Emerging Countries: Technologies, Best Practices, Challenges and Policy presents contributions from authors from India, Argentina, Brazil, Colombia, Ecuador, Mexico, South Africa and China who come together to present the most reliable technologies for the energy conversion of municipal solid waste. The book addresses existing economic and policy scenarios and possible pathways to increase energy access and reduce the negative impacts of inadequate disposal. The book's authors discuss anaerobic digestion and other MSW conversion technologies, such as incineration and gasification. The environmental and social impacts of their introduction in small villages in emerging countries is also explored. Due to its focus on local authors and its pragmatic approach, this book is indispensable for bioenergy researchers and practitioners in emerging economies, as well as researchers, graduate students and professionals interested in developing waste to energy technology that can be implemented in those regions. It is also particularly useful to professionals interested in energy policy and economics, due to its assessment of policy and recommendations.