
Preface

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Biographical notes: Sunil Kumar is a Scientist in Kolkata Zonal Centre of NEERI (CSIR), India. For the last ten years, he has been working in the field of MSW management and authored numerous scientific papers in reputed international and national journals.

Waste management is the need of the hour due to its potential to degrade the environment in multiple ways. Wastes are generated from various sources and the generation rate depends on the geographical location and social stratification in terms of household activities and the type of products being manufactured in terms of industrial activities.

This issue brings out the research activities in the domain of municipal solid waste management, domestic and industrial including physical treatment of wastewater, phytoremediation and phytocapping of solid waste landfills, modelling in adsorption of resorcinol using artificial neural network, sludge management in iron and steel industries, wetland technology and lake management, biosorption, kinetic evaluation for aerobic degradation of resorcinol in a batch reactor, bioenergy recovery from marine system, etc.

This part of the special issue is presenting new and effective strategies being researched for waste management from different regions of the world. This issue includes experiences from Canada, Malaysia, Bangkok, Sweden, India and Vietnam.