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Treatment and Recycling of Municipal Solid Waste

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Deadline for manuscript submissions:
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Message from the Guest Editors

The management of rapidly increasing municipal solid waste(MSW) generation is a major challenge in both rural and urban areas across the world. It is a multi-faceted issue that affects all three pillars of sustainable development, that is, environment, economic and social aspects. To reduce the unwanted effects of wastes on them, a sustainable solution is required. The principles of reduce, reuse, recycle as well as material and energy recovery can help in sustainable municipal solid waste management(MSWM).

However, existing MSWM face many issues, such as a lack of waste reduction and segregation at source; inadequate collection, transportation and treatment facilities; and uncontrolled landfilling.

The purpose of this Special Issue is to bring scientific communities together with novel research works and reviews regarding the treatment and recycling of MSW. Authors are encouraged to submit case studies and research applying modeling techniques in MSWM. The aims and scope of this Special Issue are:

Generation and characterization of MSW;
Reduction, reuse and recycling;
Life cycle assessment;
Energy recovery from wastes;
Biochemical and Thermochemical conversion;
Landfilling.

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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