

Special Issue

Integrated Approaches to Sustainable Municipal Solid Waste Management: Challenges, Innovations, and Resource Recovery

Message from the Guest Editor

Municipal solid waste (MSW) management is a major concern due to the increasing volume of waste and concerns about its impact on the environment. The circular economy and the concept of sustainable development have changed the approach to MSW management from basic waste disposal to recycling and resource recovery. Producing energy from waste is another solution, but it may have environmental consequences. This Special Issue welcomes both basic and applied research, which should be related to issues of interest to researchers and decision-makers involved in the management of MSW. Research areas may include (but are not limited to) the following:

- Nutrient recovery from municipal solid waste leachate;
- Challenges for sustainable waste management;
- Sustainable MSW management approach;
- Sustainable landfill design;
- Energy recovery from MSW;
- MSW treatment (thermal treatment - incineration, pyrolysis and gasification; and biological treatment - anaerobic digestion, composting; sanitary landfills, etc.);
- Problems related to waste management;
- Concepts and practices related to waste management and storage technologies in countries

Guest Editor

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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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