

Topical Collection

Municipal Solid Waste Management and Environmental Sustainability

Message from the Collection Editors

In recent years, municipal solid waste (MSW) management has been subject to significant discussion and transformations owing to the growing attention paid to the concept of environmental sustainability all over the world. Today, all the new projects and proposals in the sector of MSW management must take into account the principles of environmental sustainability and be in agreement with circular economy perspectives. The trend is towards a deeper analysis of the sector, as demonstrated by the introduction of the 9R criteria in place of the original 3Rs and by a more detailed characterisation of the involved streams of materials.

This SI invites authors to contribute in the following fields, all in the sector of MSW (keywords):

The quali-quantitative characterisation of MSW;
Strategies for the sustainable management of MSW;
Environmental sustainability indicators;
Lifecycle assessment and risk analysis;
Business models for the circular economy and sustainability;
Green economy and MSW;
The health impact of MSW management;
The environmental impact of MSW management;
MSW management during the COVID-19 pandemic;
Education for MSW management.

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Message from the Editor-in-Chief

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