

## Special Issue

# Municipal Solid Waste Management: Towards a Sustainable Future

### Message from the Guest Editors

There are several actions that can be implemented in order to effectively achieve circular economy. These can affect different life cycle stages, by introducing new design criteria, good practices in consumer behaviours, and innovative end-of-life options. This Special Issue focuses on possible ways to improve the sustainability of municipal solid waste management (MSW) by investigating currently available options and those to be implemented in the near future. Research areas may include (but are not limited to) the following: -Emerging technologies for waste management and resource optimization.

-Optimization of traditional treatments for municipal solid waste management.

-Mechanical, physical and chemical recycling routes for resource recovery from municipal solid waste.

-Opportunities and challenges of applying gasification to municipal solid waste.

-Specific fractions of municipal solid waste of interest in a circular economy perspective.

-Life cycle assessment of alternative options/schemes for municipal solid waste management. We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2023)



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