Special Issue

A Circular Economy Perspective: From Waste to Energy

Message from the Guest Editors

The scientific community recognises climate change as one of the most challenging issues of the coming decades. According to the IPCC, one of the most significant problems that has to be addressed in order to lessen the effects of the climate catastrophe is waste. Waste-to-Energy (WTE) is an established and mature technology that is employed by many nations as part of the waste reduction solution and as a significant source of renewable energy. We encourage you to submit original research findings and review articles that highlight the benefits and drawbacks of the current technology while also providing an overview of the field's accomplishments to date. Directions for future growth can be identified through critical examination. In addition to identifying future perspectives and issues linked to the global climate catastrophe, this Special Issue aims to discuss, present, and share the most recent advancements related to the current status of waste-to-energy technology. **Keywords:**

- waste
- recycling
- circular economy
- waste management
- LCA
- WTE
- environmental impact
- biomass
- biowaste
- bioenergy potential
- energy recovery
- conversion technologies

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Deadline for manuscript submissions

closed (3 August 2025)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/230837

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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