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Towards Zero-Waste Cities: Advancement in Waste-to-Energy

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Deadline for manuscript
submissions:

closed (28 April 2022)

Message from the Guest Editors

Dear Colleagues,

This Topical Collection aims to:

1. Investigate advanced technologies implementation, systemic solutions, and data-driven optimization of the waste management and energy problems encountered in cities;
2. Post-pandemic opportunities and roles for waste-to-energy systems, such as sustainable consumption, business models, and social impacts;
3. Promote eco-industrial development, waste recycling, landfill and final disposal reduction, achieving the zero-waste city target from a circular economy perspective;
4. Assess advanced waste management systems from a life cycle perspective, including technology assessment, environmental impact evaluation, social benefits analysis, etc.

We welcome article types including but not limited to: data reports, general commentaries, methods papers, original research articles, perspectives, short communications, policy and practice reviews, policy briefs, and reviews.

Dr. Lu Sun
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Dr. Yi Dou
Guest Editors



mdpi.com/si/89482

Special Issue



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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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Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

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