Special Issue

Waste to Energy Conversion Processes: Technology, Economics and Policy

Message from the Guest Editors

This Special Issue will cover both thermochemical processes (e.g., pyrolysis, gasification) and biological processes (e.g., methane fermentation, alcoholic fermentation) for converting solid and liquid wastes (e.g., biomass, solid and liquid organic wastes from the agro-food industry, plastic waste, used tires, etc.), into products that are energy carriers. Topics of interest for publication in this Special Issue include, but are not limited to, the following:

- Performance comparison of different types of waste conversion technologies;
- Social, economic and political–legal challenges to the implementation of waste conversion technologies;
- Potential resources of new types of waste that can be developed for energy purposes;
- Market potential of waste conversion facilities;
- Modelling and optimization in waste conversion process;
- Improving the efficiency of existing waste conversion technologies;
- Exploration of new waste streams for existing technologies;
- Life cycle assessment and social life cycle assessment of technologies.

Guest Editors

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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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