

Special Issue

Environmental Evaluation and Energy Recovery in Waste Management

Message from the Guest Editors

This Special Issue, “Environmental Evaluation and Energy Recovery in Waste Management” is dedicated to research that aims to provide knowledge on modern and advanced technologies used for waste and wastewater management. It is known that proper waste and wastewater management is a building block of the circular economy and helps prevent waste and wastewater from having a negative impact on the environment and health. Today, there is a significant opportunity in terms of turning waste and wastewater into valuable resources and energy recovery. In order to identify new perspectives, we propose to focus on the most sustainable and eco-friendly strategies. Potential topics include but are not limited to:

- Waste, wastewater and landfill leachate treatment;
- Recovery of value-added products from waste and wastewater;
- Recovery and re-use of wastes;
- Strategies and technologies for sewage sludge management, including treatment and disposal;
- Energetic valorization of renewable resources;
- Technologies that favor reduction of greenhouse gasses emissions;
- Effect of bio-based product on waste management;
- Microplastic contamination.

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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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