

## Special Issue

# New Challenges in Clean Energy Technologies: Waste-to-Energy for Circular Economy

### Message from the Guest Editor

The waste-to-energy (WtE) industry processes municipal and industrial solid waste into electricity and heat, primarily through incineration. Alternative methods, including pyrolysis, gasification, and anaerobic digestion, convert waste into valuable by-products for energy generation. This technology is gaining global recognition as a cleaner, greener energy source compared to fossil fuels, while also addressing waste reduction. **Potential Publication Topics:**

- Modern Technologies in Waste-to-Energy
- Latest WtE Technologies
- Global Implementation Examples
- Technical Challenges
- WtE and the Circular Economy
- Biomass and Bio-Waste Potential
- Electronic Waste
- Big Data in Waste Management
- Coal-Fired Power Plants
- Waste Incinerators and Circular Economy
- Hazardous Waste Management

These topics can provide a comprehensive overview of the current landscape and future directions in the waste-to-energy sector.

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### Guest Editor

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### Deadline for manuscript submissions

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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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