Special Issue

Innovative Energy Production Technologies for Waste Management

Message from the Guest Editors

As the world faces increasing environmental challenges, the need for sustainable and efficient waste management solutions has never been greater. One of the key strategies to address this issue is the development of innovative energy production technologies that transform waste into valuable energy resources. By integrating advanced technologies with circular economy principles, we can minimize landfill waste, reduce greenhouse gas emissions, and enhance resource efficiency. This Special Issue aims to bring together cutting-edge research, technological advancements, and practical applications that contribute to the efficient conversion of waste into energy. We encourage contributions from researchers, industry professionals, and policymakers working in the fields of energy recovery, waste valorization, and sustainable waste management. We welcome the submission of original research articles, reviews, and case studies that explore novel approaches and emerging trends in the field. By fostering collaboration and knowledge exchange, this Special Issue aims to contribute to the advancement of sustainable energy production and responsible waste management practices.

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About the Journal

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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