# Special Issue

# Renewable Energy as a Mechanism for Managing Sustainable Development

## Message from the Guest Editors

The problem of over-consumption stimulates greater energy demand, highlighting the importance of defining the environmental product life cycle (LCA), including cumulative energy consumption. Waste management also plays a crucial role in this context. Integrating renewable energy technologies with waste treatment processes—such as biogas production or waste-to-energy systems—enhances overall energy efficiency and contributes to environmental protection by reducing landfill use and emissions. Green social competence shapes conscious energy management and fosters forward-thinking approaches to the innovative development of the energy sector. Educating and engaging communities, promoting awareness, and integrating sustainability into public policy are all necessary steps toward a low-carbon future. This Special Issue aims to present and disseminate achievements in increasing the efficiency of renewable energy sources through innovative technological solutions, increased social acceptability, and sustainable energy management practices.


**Guest Editors**

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**Deadline for manuscript submissions**

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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.

## Editor-in-Chief

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