

## Special Issue

# Towards Achieving a Balance Between Environmental and Energy Consumption

### Message from the Guest Editor

Striking a balance between environmental conservation and energy consumption is a key challenge for modern society. This balance requires a holistic approach, with investments in renewable energy, efficient technologies, energy efficiency measures, sustainable practices, and policies that promote long-term ecological health. This Special Issue is open to papers that address both ecological sustainability and the growing demand for energy in an era of rapid technological advancement and population growth. Key strategies to help achieve this balance include the following:

- Transition to renewable energy;
- Improving energy efficiency;
- Sustainable transportation;
- Carbon capture;
- Waste-to-energy systems (circular economy);
- Government policies, international cooperation, behavioural change, and awareness of energy consumption.

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### Guest Editor

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### Deadline for manuscript submissions

10 October 2025



## Energies

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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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### Editor-in-Chief

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