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## Trends and Prospects in Sustainable Energy Consumption and Greenhouse Gas Emission Control

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Deadline for manuscript submissions:  
**closed (31 October 2022)**

### Message from the Guest Editors

The need for society to move towards a **sustainable** world and the advancement of technology within this context are both critical. The proportion of **energy consumption** from **renewable sources** versus **nonrenewable sources** must increase substantially. Energy must be consumed more rationally. **Greenhouse gas emissions** must be reduced.

This Special Issue aims to uncover the trends and prospects in sustainable energy consumption and the control of greenhouse gas emission. The following list of topics is in no way exhaustive :

- Drivers and barriers for sustainable energy consumption and greenhouse gas emissions;
- Trends and prospects in sustainable energy consumption;
- Methods for controlling and reducing greenhouse gas emissions;
- Systems and methods for optimizing energy consumption;
- Renewable energy production;
- Integration of renewable power generation in power systems;
- Energy consumption and emission control in buildings, cities, and industries.



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# Special Issue



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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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