

## Special Issue

# Energy Saving, Efficiency, and Conversion in Renewable and Sustainable Energy

### Message from the Guest Editors

The international context of the energy transition is extremely challenging. To comply with the Paris Agreement targets and the COP28 and COP29 pledges (tripling renewables, doubling the energy efficiency improvement rate, and increasing the grid and electric storage capacity) requires a huge international effort. Despite the possible exit of the United States from the Paris Agreement, many countries in the world, including China and the European Union, are both committed to pursue such targets, although with different approaches.

The UE aims to be at the forefront of this effort, having recently approved several directives and regulations aimed at supporting the energy transition, mainly focusing on energy saving, supporting renewables, and ensuring energy and materials supply. Similarly, but in a much more concrete way, China has set its zero-emission target for 2060 and is the main supplier of materials, systems, and facilities for the energy transition. China is still the biggest coal and oil consumer in the world, but has recently produced a huge effort in terms of renewables deployment.

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## 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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