Special Issue

Energy Transition and Sustainability: Low-Carbon Economy

Message from the Guest Editors

To accelerate the green energy transition and promote efficient energy resources in the world, a range of policy options and joint efforts among the countries will be required, including carbon pricing, energy tax reform, the expansion of transition finance, and support for the development of low-carbon and resource-efficient social infrastructure. We invite papers to contribute ideas on how to effectively design decarbonization policies and support energy transition and decarbonization technologies towards a sustainable future under three sub-topics: 1) the theory and modeling of the energy transition toward a low carbon (decarbonized) economy; 2) the energy transition and decarbonized technological innovations; and 3) decarbonization policy designs and their impact on the economy. This Special Issue wishes to promote the discussion and collection of ideas regarding a successful energy transition for the sustainable future of the world.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)

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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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