

Special Issue

Energy Transition: A Pathway to Addressing Climate Change and Carbon Emissions

Message from the Guest Editor

The relationship between energy transition, carbon emissions and climate change has been a highly discussed topic over the last few years. As the transformation of an energy system, the energy transition is much more than simply the shift from fossil fuels to renewables in order to tackle climate change by cutting carbon emissions, which is the main contributor of global warming from energy use. It is a major structural change both to energy supply and demand—requiring new energy sources. Moreover, the tension between energy supply and climate policies must be maintained; it can neither be forgotten nor faced as an insurmountable dilemma. Sustainable approaches are needed. Analyzing the relationship between these factors is now perceived as highly complex, as the transition's success depends on integrating clean technologies; technological innovation for energy generation, distribution, consumption and storage; and efficiency within the framework of public policies as well as capital allocation and risk mitigation.

Guest Editor

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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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