

Special Issue

Challenges in the Energy Sector and Sustainable Growth

Message from the Guest Editors

As the demand for natural resources increases but supply remains stable, a crisis in energy is very likely to occur. Thus, the increasing use of renewable resources must be a priority, especially in industrialized economies. The transition to new energy sources combined with the climate change and technological advances combined with sustainable development are another interesting aspect for researchers. Last but not least, the impact of COVID-19 in the energy sector and the energy markets is currently a very interesting topic to investigate. In general, the scope of this Special Issue is to host research works from the areas of economics but also engineering, which may refer to the efficiency of production and distribution networks and energy storage, the development of respective emerging methodologies, and the application of sophisticated econometric analysis for modeling energy and financial markets. Keywords: energy sources; renewable energy; energy crisis; energy challenges; energy networks; climate change; sustainable development; COVID-19; financial markets; derivatives markets

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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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