Special Issue

Low Carbon Energy Transitions: Today and in the Future

Message from the Guest Editor

This Special Issue aims to analyze low carbon energy transitions in all sectors, the power sector, transport (by air, land, and water), industries, agriculture, services, and households (especially urban areas). The emphasis is on transitions to renewable energy (biofuels/biomass, geothermal energy, hydropower, marine energy, solar energy, wind energy), as well as nuclear energy, carbon capture and storage and negative emission technologies such as BECCS. The Special Issue aims to address sociotechnical transition pathways, taking into account the diffusion of innovation, how niche innovation can break through at the regime level, the relevance of business models, and the wider role of socioeconomic and political factors to achieve low carbon energy transitions. The Special Issue welcomes both qualitative and quantitative studies, as well as empirical and theoretical contributions, from a range of different disciplines and approaches.

Guest Editor

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Deadline for manuscript submissions

closed (15 September 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/61846

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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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