Special Issue

Innovative Socio-Technical Paradigms for Low-Carbon Transitions in the Built Environment

Message from the Guest Editors

The purpose of this Special Issue is to present studies that explore the technical, social, economic and organisational aspects concerning how to put these new paradigms into practice to accelerate low-carbon transitions in the built environment, from a bottom-up perspective. We invite researchers to submit original research articles and review papers addressing novel approaches to understanding and implementing these new paradigms. We are particularly interested in articles describing interdisciplinary and transdisciplinary approaches. Both theoretical and experimental implementation manuscripts are welcome. **Potential topics include but are not limited to:**

- Pathways for low-carbon transitions;
- Behavioural aspects of low-carbon transitions in the built environment;
- Coordination of energy modelling approaches at multiple scales;
- Energy communities, urban and planning strategies;
- Positive-energy buildings and active buildings;
- Positive-energy blocks and districts;
- Renewable energy technologies integration in buildings;
- Investment strategies and business models for low-carbon transitions.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2024)

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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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