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Research of Energy Storage and Energy Efficiency in Buildings and Cities

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Message from the Guest Editors

Dear Colleagues,

Efficient use of renewable energy sources and energy efficiency in buildings and cities are the key challenges for science, research, and innovation today. As part of the European Green Deal, with the European Climate Law, the EU has set a target of reducing greenhouse gas emissions by at least 55% by 2030. The New European Bauhaus, offers opportunities for the European society to strike a balance between science, technology, environmental care and beautiful, inclusive and safe cities.

The Special Issue seeks to examine the barriers and opportunities related to energy policies, district and neighbourhood energy networks, energy storage, end-user engagement in energy efficiency issues, from households to regions. Equally, it is essential to recognise the bioclimatic, environmental and cultural context, with the increased awareness and more refined design and analytical tools. Hence, this Special Issue welcomes contributions on all aspects of efficient use of renewable energy, bioclimatic approaches, and emerging trends in the holistic design in the context of combating climate change in line with the EGD and NEB.



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Special Issue



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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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