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Energy and Environmental Management of Buildings and Systems

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Message from the Guest Editor

In the last twenty years, there is an increasing demand for raw materials and primary energy, linked to rapidly expanding economies. Innovative thinking on the urban built environment is needed as a driving force; evolution from sustainability to resilience can act as an effective guide for designing and constructing energy efficient buildings with reduced carbon footprint and environmental impact based on circularity goals. In terms of urban sustainability and resilience, policies and legislative targets promote energy efficiency as well as environmental, economic and social aspects for the integrated design and evaluation of buildings and systems.

In this context, this Special Issue invites research papers that discuss the monitoring and evaluation of buildings' energy and environmental performance, technologies and measures to improve it, as well as policy and regulatory aspects. The selection of papers for this Special Issue will be based not only on their innovation and originality, but also on their findings providing a valuable contribution to the scientific community.

Dr. Effrosyni Giama

Guest Editor



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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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