Special Issue

Low-Carbon Building and City Strategies in Different Dimensions

Message from the Guest Editors

To achieve the goal of a low-carbon society, architects need to consider design strategies from different dimensions such as urban planning, community organization, individual buildings, and detailed structures. Performance simulation, experimentation, and actual measurement can be used in this effort. Each guideline's summary needs to start from the climate in consideration of the existing conditions. If enough techniques become available, it could form the basis of a direct-reference dictionary that can be used by designers and professionals. This Special Issue will deal with energy-saving design means for different climates at scales from macro to micro. Topics of interest for publication include, but are not limited to:

- Low-carbon cities.
- Low-carbon communities.
- Urban green node design.
- Green building.
- Energy-saving renovation strategies for existing buildings.
- Public space promotion design based on microclimate.
- Passive humanized detail design.
- The wisdom of ancient energy-saving buildings.

Guest Editors

Dr. Ning Li

Prof. Dr. Jian Dai

Prof. Dr. Weirong Zhang

Dr. Ziwei Li

Deadline for manuscript submissions

closed (20 September 2023)

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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