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Research on Low-Carbon Energy Buildings

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Message from the Guest Editors

Green construction, not only understood literally, for example, through the prism of "green roofs or facades", but also through the use of thermal or acoustic insulation, contributes to improved housing conditions and meeting user expectations. Building residents are increasingly taking into account the principles of sustainable development in decision making; social expectations (the social aspect) in the field of sustainable construction are thus important considerations for developers.

This Special Issue aims to present and disseminate the latest achievements related to sustainable construction in three aspects: economic, ecological and social.

Topics of interest for the publication include, but are not limited to:

- Low-carbon construction;
- Methods of assessing economic and ecological benefits;
- Use of renewable energy sources in construction;
- Zero-emission buildings;
- Effectiveness of legal and economic regulations used in construction;
- LCA implementation in generating resource and energy efficiency;
- Ecological solutions in the architecture and infrastructure of cities;
- Environmental revitalization of cities.



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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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