



Advanced Research on Low Carbon Buildings Design and Energy Efficiency

Guest Editors:

Dr. Jiaqiang Wang

School of Energy Science and Engineering, Central South University, Changsha 410083, China

Dr. Linfeng Zhang

School of Transportation, Southeast University, Nanjing 411189, China

Dr. Sungmin Yoon

Department of Global Smart City, Sungkyunkwan University, Suwon 16419, Republic of Korea

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Message from the Guest Editors

This Special Issue aims to cover the most recent advances in low-carbon research with a focus on buildings design and energy efficiency. This issue welcomes original research article and reviews. Research areas may include, but are not limited to, the following topics:

- Modeling and design method for net-zero carbon buildings;
- Renewable energy utilization for low-carbon buildings;
- Carbon emission calculation method for low-carbon buildings;
- Energy efficiency renovation methods for existing buildings;
- Roadmap for net-zero carbon buildings;
- Sustainable and green architecture design;
- Demand-based control and optimization;
- Modelling, control and optimization for building energy systems;
- Simulation model and sensor calibration methods;
- Artificial intelligence for building integrated renewable energy systems.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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