

Special Issue

Sustainable Energy System for Nearly Zero-Energy Communities and Buildings

Message from the Guest Editor

With the large-scale promotion of nearly zero-energy buildings, the nearly zero-energy communities have gradually become the new form of modern large-scale urban. However, there are still many scientific challenges for energy systems of nearly zero-energy communities and buildings, such as renewable energy utilization, match between supply and demand, indoor thermal comfort improvement, etc.

This Special Issue collects research articles and critical reviews about scientific and technical information on recent advances in nearly zero-energy communities and buildings for sustainable development. Both qualitative and quantitative studies, as well as empirical and theoretical contributions are welcomed.

The primary areas of interest of this Special Issue include, but are not limited to:

- Low/zero carbon emission buildings and communities;
- Renewable energy utilization and consumption;
- Optimization design methods of energy system;
- Advanced modelling and building simulations;
- Indoor thermal comfort;
- Energy storage technology;
- Load demand responses.

Guest Editor

Dr. Di Wu

Department of Electrical Power Engineering, North China Electric Power University, Baoding 071003, China

Deadline for manuscript submissions

closed (7 October 2023)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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

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