

## Special Issue

# Sustainable Heating and Cooling Technologies for Low-Carbon Buildings

### Message from the Guest Editors

To further spread sustainable heating and cooling technologies for low-carbon buildings, this Special Issue on “Sustainable Heating and Cooling Technologies for Low-Carbon Buildings” is being launched to collect cutting-edge research addressing problems and challenges in building heating and cooling. Original research papers reporting critical reviews and theoretical and experimental investigations of new innovations and developments of sustainable heating and cooling technologies for low-carbon buildings are welcome.

- building-integrated renewable energy
- heat pump assisted by renewable energy
- free/passive heating and cooling of buildings
- advanced heating/cooling cycle
- combined supply of cooling and heating for buildings
- building energy flexibility
- smart management of building energy
- sustainable building material
- thermal storage
- heat recovery

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### Guest Editors

Dr. Jingyu Cao

Dr. Bendong Yu

Dr. Haifei Chen

Dr. Zhongting Hu

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### Deadline for manuscript submissions

closed (31 July 2024)



## Energies

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
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