

Special Issue

Smart Heating, Ventilation and Air-Conditioning for Sustainable Cities

Message from the Guest Editors

The goal of this Special Issue is to bring researchers and stakeholders together to share their findings and present perspectives in the field of smart HVAC systems. Research papers, short communications and reviews on techniques, systems and technologies aiming to improve energy performance, indoor environment quality, and thermal comfort are welcomed. Topics that could be covered include but are not limited to the following:

- Smart HVAC controls and technologies;
- Intelligent energy management systems;
- Internet of things (IoT) devices for HVAC;
- Artificial intelligence, machine and deep learning;
- Data-driven approaches for HVAC systems;
- Fault detection and diagnosis of HVAC systems;
- HVAC integration with renewable energy technologies;
- Thermal comfort and indoor environment quality;
- Handling cybersecurity in smart HVAC;
- Measurement and simulation methods;
- Modeling and optimisation;
- Case studies and innovative approaches.

Guest Editors

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Deadline for manuscript submissions

closed (25 July 2024)



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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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