Special Issue

Heating, Cooling, and Ventilation Systems: Applications and Performance

Message from the Guest Editors

Buildings account for a substantial proportion of global energy consumption and significantly contribute to CO2 emissions. The largest contributors to high-energy consumption in buildings are heating, ventilation, and air conditioning (HVAC) systems. Increased energy use by HVAC systems may arise from inappropriate system selection, incorrect design, as well as errors made during their installation, operation, and maintenance. Therefore, it is important to search for and apply efficient, innovative HVAC solutions and assure their adequate operation. This Special Issue focuses on documenting the performance of heating, ventilation, and cooling systems in buildings, demonstrating new solutions and innovative applications of HVAC systems. For publication, we invite original papers containing experimental research, case studies, or extensive discussion on this topic.

Guest Editors

Dr. Jan Kaczmarczyk

Dr. Joanna Ferdyn-Grygierek

Prof. Dr. Robert Sekret

Deadline for manuscript submissions

closed (31 May 2021)

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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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