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Recent Advances, Challenges and Open Problems in Building Energy Informatics

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Deadline for manuscript
submissions:

closed (30 April 2021)

Message from the Guest Editors

Dear Colleagues,

The field of building energy informatics is a research field which plays a key role in digitalization of building energy systems. The focus of building energy informatics is on the use of information and communication technology to address buildings energy challenges. This Special Issue aims to serve as a platform to report recent research results and findings within building energy informatics and to report and describe the open problems and challenges of the field. We would therefore welcome your submissions which report your recent results within different areas of building energy informatics. In addition, submissions which review state-of-art developments and/or describe open problems and challenges are encouraged.

Topics include but are not limited to the following:

- User-awareness and decision support systems
- Fault detection, diagnostics and prognostics
- Proactive and predictive maintenance
- Intelligent control and coordination of buildings system, and subsystems
- Data and information management
- Modeling, simulation and forecasting
- Data analytics for buildings



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Special Issue



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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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