Special Issue

Novel Research on Energy Audit and Energy Performance Management of Buildings and Processes

Message from the Guest Editors

This Special Issue aims to present and disseminate the latest developments related to the theory, design, modeling, application, control and monitoring of energy efficiency in buildings and manufacturing processes. Topics of interest for publication include, but are not limited to:

- All aspects of data-driven modeling for predicting and forecasting energy in buildings and manufacturing processes;
- Energy modeling that takes into account the impact of user behavior on final consumption;
- Methods for optimizing the control of HVAC systems;
- Methods of selecting variables for modeling energy consumption;
- Thermal energy storage systems;
- Impact of RES systems on power quality;
- Optimization of process control systems;
- Energy-efficient and near-zero energy buildings;
- Low-emission heating systems;
- Deep thermo-modernization;
- Reducing energy consumption and costs;
- Energy efficiency;
- Modernization of heat sources.

Guest Editors

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Deadline for manuscript submissions

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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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