Special Issue

Building Energy Simulation & Artificial Intelligence: a Way toward a Sustainable Built Environment

Message from the Guest Editor

This Special Issue wants to provide a collection of worthy studies concerning:

- Machine/deep learning applied to the prediction and labelling of building energy performance;
- Frameworks coupling numerical optimization and machine/deep learning for the design of sustainable and low-energy buildings;
- Combination of machine learning or other forecasting methods with smart control strategies, e.g., model predictive control, to minimize building energy consumption and discomfort;
- Innovative integrated technologies concerning envelope and systems to optimize building energy performance implementing artificial intelligence tools.

Guest Editor

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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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