Special Issue

Application of Machine Learning in Building Performance and Building Stock Research

Message from the Guest Editor

Thanks to the rapid increase of data availability, as well as increasing computational capacities and simplified programing methods, machine learning tools are being progressively applied in the research fields of building performance and building stock research. This Special Issue will provide a space for this emerging research topic. More specifically, the purpose of this Special Issue is to gather scientific ideas, research methods, and innovative applications related to "Application of Machine Learning in Building Performance and Building Stock Research". Examples of relevant techniques are:Image recognition for detection of building features (satellite, drone or open data);Statistical prediction of unknown building features in otherwise comprehensive datasets; Pattern recognition in flowing data logs of measurements in buildings; Decision support tools for building owners and decision makers using machine learning.

- machine learning
- artificial intelligence
- big data
- building performance
- building stock
- energy efficiency
- statistics

Guest Editor

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Deadline for manuscript submissions

closed (22 July 2021)

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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