

Special Issue

Energy Efficiency in Non-domestic Buildings: Policies, Designs, Methodologies and Technological Solutions

Message from the Guest Editor

Non-domestic buildings are among the highest energy consumers due to the diversity and complexity of system and service end-users provided. While it is more challenging to achieve energy efficiency of the non-domestic building stock, different design approaches and methodologies have been explored. This Special Issue aims to extend the analysis on energy efficiency for non-domestic buildings, by focusing on the discussions on (but not limited to) the following key areas:

- State-of-the-art of renewable energy/low-carbon technological interventions;
- Energy-efficient passive design approaches;
- Sustainable building materials;
- Energy policy and regulations;
- Energy and performance benchmarking for large building stock;
- Experimental and simulation analysis;
- Energy demand reduction analysis;
- Methodological and analytical approach to building energy data;
- Cost-benefit/cost-effective measures and whole life cycle assessment;
- Affordability and security of future energy use in non-domestic buildings;
- Technical and financial barriers to achieving energy efficiency.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2022)



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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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