Special Issue

Low-Carbon and Healthy Residential Buildings

Message from the Guest Editor

A Special Issue of MDPI Journal *Sustainability* on the topic "Low-carbon and Healthy Residential Buildings" is now open for submission. Focusing on residential buildings, this Special Issue seeks to gather relevant and innovative contributions on the various factors affecting the sustainability of a building during its life cycle. This Special Issue includes (but is not limited to) the following subjects:

- Building passive strategies (optimization of the building envelope, solar access and solar protection, airtightness, ventilation strategies, passive solar technologies);
- Indoor air quality (health and comfort);
- Nearly or net zero energy buildings (nZEB/NZEB);
- Positive energy buildings;
- Low-carbon renovation of buildings;
- Local renewable energy production systems;
- Application of national and/or international standards and legislation in the field—challenges and difficulties;
- Life cycle assessment of materials and components;
- Sustainable solutions for the end of building service life:
- Case studies.

Guest Editor

Dr. Helena Corvacho Faculty of Engineering, University of Porto, Porto, Portugal

Deadline for manuscript submissions

closed (30 November 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. 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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