

Special Issue

Net-Zero Housing Policy for Sustainable Cities

Message from the Guest Editor

The residential sector is responsible for nearly 30% of final energy consumption and corresponding carbon emissions. The aim of this Special Issue is to investigate net-zero housing solutions that can be translated into policies quickly, where combined embodied and operational emissions are design determinants for housing projects. In this Special Issue, original research articles and reviews are welcome. This Special Issue will consider articles that discuss barriers and enablers for net-zero housing policies, and the effect of these interventions on the sustainability of cities. Research areas may include (but are not limited to) the following:

- zero-carbon design and retrofit of buildings;
- embodied and operational emissions;
- life cycle analysis;
- bio-sourced materials;
- renewable energy solutions;
- climate emergency;
- policy development support;
- advanced control of building heating and cooling and resultant savings;
- nature-inspired design;
- aligning interests of housing developers and end users;
- and alternative economics for sustainability paradigm.

Guest Editor

Prof. Dr. Ljubomir Jankovic

School of Creative Arts, University of Hertfordshire, College Lane,
Hatfield, Hertfordshire AL10 9AB, UK

Deadline for manuscript submissions

closed (28 April 2024)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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. *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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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