

Special Issue

Healthy and Sustainable Built Environment Solutions towards Building Decarbonization

Message from the Guest Editors

This Special Issue “Healthy and Sustainable Built Environment Solutions towards Building Decarbonization” aims to discuss solutions towards a healthy and sustainable built environment within the context of building decarbonization. It is open to all sustainable science and engineering disciplines and research addressing the issues and progress for current and future built environments. Research areas may include (but are not limited to) the following:

- Ventilation systems and technology to create better indoor and outdoor environments and save energy for cooling (ventilative cooling);
- High-energy-efficiency building science and technology towards decarbonization;
- Innovations in the building envelope in extreme hot/cold climates to reduce building carbon emission;
- Intelligent control and monitoring of built environments;
- Healthy building environments;
- Building integrated photovoltaic and indoor thermal environments;
- City and building aerodynamics and indoor air quality.

Any inquiry, please contact Mark Huang .

Guest Editors

Dr. Haidong Wang

Dr. Saleh N. J. Al-Saadi

Dr. Dahai Qi

Prof. Dr. Zhixiang Cao

Deadline for manuscript submissions

closed (18 November 2023)



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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. 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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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