Special Issue

Indoor/Outdoor Environment Quality: Simulation, Measurement and Evaluation

Message from the Guest Editors

Compared with the natural environment, the built environment has triggered urban heat islands and caused air pollution in many cities around the world. We are therefore hoping that more research could be conducted on indoor and outdoor air quality, using both measured and simulated methods to gain a better understanding of the interactions between construction and air quality, as well as the human physiological response to air quality. This Special Issue aims to provide a platform for a selection of papers that would explore the indoor or the outdoor air quality, the physiological responses to air quality, and discuss adaptive design and construction methods. Articles related to (but not limited to) the following topics are encouraged for submission:

- Indoor/outdoor thermal environment measurement or simulation:
- Indoor/outdoor air-quality measurement or simulation:
- Thermal comfort and adaptation:
- Climate change and air pollution impacts;
- Adaptation and mitigation strategies;
- Climate adaptive urban planning;
- Healthy building.

Guest Editors

Prof. Dr. Weiwei Liu

- 1. School of Architecture and Art, Central South University, Changsha 410083, China
- 2. Hunan Provincial Key Laboratory of Low Carbon Healthy Building, Central South University, Changsha 410083, China

Dr. Jiayu Li

School of Architecture and Art, Central South University, Changsha 410000, China

Deadline for manuscript submissions

closed (25 October 2024)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/158746

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

