

## Special Issue

# Mixed-Mode Ventilation—a Sustainable Approach to Create Healthy and Comfortable Indoor Spaces

### Message from the Guest Editors

The purpose of this Special Issue is to collect a set of contributions on the mixed-mode design and operation strategy in response to the recent challenges added by the COVID-19 pandemic. We invite studies performed in the context of mixed-mode ventilation settings (including commercial and residential buildings), covering wide focus areas such as human comfort and health, indoor environmental quality, post-occupancy evaluation, energy efficiency, sustainable design, occupant behavior, control strategies, and facility management. Research on heated buildings that use natural ventilation through operable windows also falls within the scope of this Special Issue. Studies based on laboratory/climate chambers, field monitoring, simulation, and large global surveys are invited. Position papers are also welcome.

### Guest Editors

Dr. Ricardo Forgiarini Rupp

International Centre for Indoor Environment and Energy, Department of Civil Engineering, Technical University of Denmark, 2800 Kgs. Lyngby, Denmark

Dr. Jungsoo Kim

Indoor Environmental Quality Laboratory, School of Architecture, Design and Planning, University of Sydney, 2006 Sydney, Australia

### Deadline for manuscript submissions

closed (26 March 2023)



**Sustainability**

an Open Access Journal  
by MDPI

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/74526](https://mdpi.com/si/74526)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



## 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. *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

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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