



## Fire Safety in Green and Sustainable Buildings

Guest Editors:

**Dr. Cheuk Lun Chow**

Department of Architecture and  
Civil Engineering, City University  
of Hong Kong, Hong Kong, China

**Prof. Dr. Koen Steemers**

Department of Architecture,  
University of Cambridge,  
Cambridge CB2 1PX, UK

Deadline for manuscript  
submissions:

**closed (31 August 2022)**

### Message from the Guest Editors

Green and sustainable buildings are promoted actively all over the world. The aims are to protect the environment, use less energy through natural ventilation provisions and daylight utilization, develop better waste management, and take water conservation into account. Areas involved are architectural features including building construction element; electrical and mechanical systems to give a comfortable environment, but where the system would use energy, directly or indirectly; and management including energy management, environmental management, and fire safety management.

Both research and review papers on fire dynamics and materials, passive building construction, active fire protection systems, fire safety management, fire investigation, and fire services for green and sustainable buildings are invited. Performance-based design for projects failing to comply with fire regulations with fire models and fire hazard assessment is welcome.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

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

## 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.

## 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)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)