

Special Issue

Advances in Urban Fire and Explosion Hazards

Message from the Guest Editors

City fire and explosion public safety concerns people's lives and property. In recent years, serious fire and explosion accidents have been occurring ever more frequently, resulting in a large number of casualties. It is urgent to carry out relevant research on urban fire and explosion safety. In this Special Issue, we aim to study fire and explosions with regard to urban safety, including but not being limited to the following topics:

- Urban tunnel fires;
- Subway fires;
- Compartment fires;
- Fire spread and growth;
- Deflagration and flame acceleration;
- Renewable energy safety;
- Hydrogen explosion.

Guest Editors

Prof. Dr. Zihé Gao

Dr. Bin Li

Dr. Dan Zhang

Dr. Lin Jiang

Dr. Huaxian Wan

Prof. Dr. Longxing Yu

Deadline for manuscript submissions

closed (20 February 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/98328

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

mdpi.com/journal/

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)