

## 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.

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### Guest Editors

Prof. Dr. Zihe Gao

Dr. Bin Li

Dr. Dan Zhang

Dr. Lin Jiang

Dr. Huaxian Wan

Dr. Longxing Yu

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### Deadline for manuscript submissions

closed (20 February 2023)



## Applied Sciences

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## 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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