

## Special Issue

# Advanced Analysis and Technology in Fire Science and Engineering

### Message from the Guest Editor

The purpose of this Special Issue is to publish high-quality works obtained from experimental, theoretical, and computational investigations on the fundamentals and applications of fire science and engineering. This Special Issue is open to research that can help to better understand complex fire phenomena and ultimately contribute to fire safety design. Potential topics include but are not limited to experimental, theoretical, and numerical simulation studies of fire physics and chemistry, fire dynamics, measurements in fire environments, fire detection and suppression system, fire safety design and management, assessment of fire risk and fire investigation, etc.

We welcome the submission of original works, reviews, and short communications that provide novel insights related to the multidisciplinary fire science and engineering research fields.

- Fire chemistry and physics
- Fire dynamics
- Measurement in fire environments
- Fire detection and suppression system
- Fire safety design and management
- Assessment of fire risk
- Fire investigation

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### Guest Editor

Dr. Cheol-Hong Hwang

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### Deadline for manuscript submissions

closed (27 May 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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