

## Special Issue

# Research and Application of Novel Fire Extinguishing Technologies

### Message from the Guest Editor

We are pleased to announce the launch of our Special Issue entitled “Research and Application of Novel Fire Extinguishing Technologies”. With the rapid advancement of science and technology, and the accelerating pace of global industrialization and urbanization, the risk of fire has increased. Modern fire incidents are becoming more diverse, complex, and hazardous. Traditional fire suppression methods have revealed significant limitations when applied to emerging fire scenarios—such as aircraft fires, energetic material fires, lithium-ion battery fires, and fires in intelligent substations—including delayed response, low extinguishing efficiency, and secondary environmental pollution. In response to the growing complexity of fire types and the demand for high-performance fire suppression, research on novel extinguishing agents, fire suppression in special scenarios, intelligent fire detection, and system improvements has become a major focus in the field of fire safety.

### Guest Editor

Dr. Quanwei Li

School of Safety Science and Engineering, Nanjing University of Science and Technology, Nanjing, China

### Deadline for manuscript submissions

30 April 2026



## Fire

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

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

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## About the Journal

### Message from the Editor-in-Chief

*Fire* is an international open-access journal about the science, policy, and technology of fires and how they interact with communities and the environment. *Fire* seeks to provide a forum to help the fire science community convey how we can live with fire in a changing world. *Fire* seeks submissions from interdisciplinary studies that take a pyrogeography perspective of fires occurring in natural, cultural, and industrial landscapes and how they interact with communities in the science-policy interface. *Fire's* Editorial Board are widely recognized international leaders. The journal emphasizes quality and innovation and has a rigorous peer-review process. I strongly recommend *Fire* for the rapid publication of your innovative research publications and case studies.

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### Editor-in-Chief

Dr. Grant Williamson

School of Biological Sciences, University of Tasmania, Private Bag 55,  
Hobart, TAS 7001, Australia

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