

# Special Issue

## Intelligent Fire Protection

### Message from the Guest Editors

We are pleased to invite you to submit research papers on Intelligent Fire Prevention in this Special Issue of the journal *Fire*. As is known, fire (wildfires and building fires) is one of the most common and hazardous disasters, causing profound impacts on natural ecology, socio-economy, and even human lives. Effective fire prevention means are essential in assisting emergency agencies when making precise decisions; this could enable enhancing urban resilience and reducing losses. Therefore, it is worthwhile to comprehensively investigate fire prevention with more intelligent and advanced theories, methodology methods and technologies. This Special Issue aims to widely discuss the topic of Intelligent Fire Protection on both wildfires and building fires. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- The theory and methodology of fire protection;
- Intelligent modeling methods on risk assessment, fire detection and numerical modeling;
- Informatic decision-making system;
- Fire protection technology and equipment.

I look forward to receiving your contributions.

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### Guest Editors

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Prof. Dr. Siu Ming Lo

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### Deadline for manuscript submissions

closed (31 December 2024)



## Fire

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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,  
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