

## Special Issue

# Advances in Building Fire Safety Engineering

### Message from the Guest Editors

Since building fire casualties are mainly caused by toxic smoke, research on indoor fire smoke control is important. The aim of this Special Issue is to provide a platform to present the latest developments in building fire prevention and indoor smoke control and discuss their possible implications for associated regulations and standards. Original fundamental and applied research into experimental, theoretical and computational modeling and case studies that contribute towards the understanding and improvement of building fire prevention and indoor smoke control are welcome. Research areas may include (but are not limited to) the following topics

- Building fire dynamics;
- Smoke characteristics, transport and control in buildings;
- Performance-based design of building fire;
- Fire modeling and simulation;
- Human evacuation.

### Guest Editors

Prof. Dr. Fang Liu

Dr. Longxing Yu

Dr. Shengzhong Zhao

### Deadline for manuscript submissions

closed (17 February 2025)



## 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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