

## Special Issue

# Advance in Fire Safety Science

### Message from the Guest Editor

Wildfire is both a natural and anthropogenic disturbance influencing the distribution, structure, and functioning of terrestrial ecosystems around the world. Wildfire plays a significant role in plant evolution and animal inhabitation. The ecological effect of products, such as heat, VOCs, smoke, ash, etc., generated by wildfire remains unclear. As is known, the atmospheric impact can be determined by the heat, soot, and particulate matters. Although ash is beneficial to the soil quality, the heavy metals and PAHs released during fires are detrimental to ecology. Therefore, the comprehensive study of wildfire ecology needs to draw great attention. We welcome submissions on topics that include a broad range of research on the ecological relationships of wildfire to its environment and health, including, but not limited to:

- Fire ecology (physical and biological fire effects, fire regimes, etc.);
- Fire management;
- Fire science and modeling;
- Planning and risk management;
- Fire monitoring;
- Risk assessment.

**I look forward to receiving your contributions. Dr. Yanyan Liu**

---

### Guest Editor

Prof. Dr. Yanyan Liu

School of Safety Science and Emergency Management, Wuhan University of Technology, Wuhan 430070, China

---

### Deadline for manuscript submissions

closed (31 December 2024)



## Fire

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 3.9



[mdpi.com/si/174519](https://mdpi.com/si/174519)

*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/  
fire](https://mdpi.com/journal/fire)





# Fire

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 3.9



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



## 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.

---

### Editor-in-Chief

Dr. Grant Williamson  
School of Biological Sciences, University of Tasmania, Private Bag 55,  
Hobart, TAS 7001, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), AGRIS, PubAg, and other databases.

#### Journal Rank:

JCR - Q1 (Forestry) / CiteScore - Q1 (Forestry)