

## Special Issue

# Assessment and Prevention of Mine Fires and Gas Disasters

### Message from the Guest Editors

Mine fires and gas disasters pose significant threats to mining operations worldwide, impacting safety and productivity. Assessing mine environments is crucial in identifying potential fire and gas disaster risks. For this Special Issue, both original articles and reviews are welcome for submission. Topics of interest for publication include, but are not limited to:

- Theories and catastrophes caused by explosions in the fields of natural gas and mines;
- Risk assessment of explosion accidents in gas fields and mines;
- Gas pipeline leakage detection, location, and early warning technology;
- Mines, gas explosion risk monitoring, and early warning theories and technology;
- Theory and technology of mines and gas explosion accident prevention and emergency response;
- Safety protection technology for mines, and gas explosions.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 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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