

## Special Issue

# Advances in New Energy Materials and Fire Safety

### Message from the Guest Editors

This Special Issue aims to investigate the fire safety of new energy materials. We invite contributions on a range of topics related to energy technology, including, but not limited to:

- Thermal stability analysis of typical combustible components inside electrochemical power sources such as cathode, anode, electrolyte, and separator in batteries;
- Flammable gases and oxygen leakage prevention methods for fuel cell systems;
- Construction of battery thermal management system using composite materials such as phase-change materials with heat storage properties;
- Simulation and calculation methods for heat and mass transfer of power systems.

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### Guest Editors

Dr. Que Huang

Dr. Jian Wang

Dr. Jingwen Weng

Dr. Ao Li

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### Deadline for manuscript submissions

20 August 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,  
Hobart, TAS 7001, Australia

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