

Special Issue

Smart Firefighting Technologies and Advanced Materials

Message from the Guest Editors

As society advances, new challenges emerge in fire safety, such as the increasing complexity of building structures, the use of novel materials, and the rise of new energy sources. Understanding fire behavior, preventing its occurrence, and effectively combating it are crucial for ensuring public safety. In this context, research on smart firefighting technologies and advanced materials plays a pivotal role.

This Special Issue, based on the 11th International Conference on Fire Science and Fire Protection Engineering (ICFSFPE) (<http://www.icfsfpe.org/>), seeks to bring together the latest research on smart firefighting technologies and advanced materials. This SI includes smart fire detection and alarm systems, new energy fire prevention, confined space fire control, electrical fire prevention, and forest fire management. In terms of materials, we encourage papers on advanced flame-retardant materials. Articles on fire safety assessment evaluating by new methods, smoke control, firefighting and rescue operations, and evacuation strategies are also welcome.

Guest Editors

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Deadline for manuscript submissions

30 November 2025



Fire

an Open Access Journal
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Impact Factor 2.7
CiteScore 3.9



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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.

Editor-in-Chief

Dr. Grant Williamson

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