



fire



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Unusual Fire in Open and Confined Space

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Deadline for manuscript
submissions:

closed (31 July 2024)

Message from the Guest Editors

In this Special Issue for *Fire*, which is indexed in the Science Citation Index and in Scopus, we welcome the submission of articles related to unusual fire behaviors, such as ghosting fires, backdraft fires, flashover fires, fire whirlwinds in confined spaces, and jet fires, boilover, spilling fires, extreme wildfires, and fires on water or ice surfaces in open spaces. This Special Issue aims to highlight safety in the treatment of unusual fires in open and confined spaces. In this Special Issue, the scope is to gather original, fundamental, and applied research comprising experimental, theoretical, computational, and case study approaches that contribute to the understanding of flame spread and unusual fires. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- mechanisms of the occurrence of unusual fires;
- prevention of unusual fires;
- flame plume of unusual fires in open space;
- fire-induced smoke movement in confined spaces;
- modeling and simulation of unusual fires.

We look forward to receiving your contributions.



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Special Issue



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Editor-in-Chief

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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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