

Special Issue

Firefighting Approaches and Extreme Wildfires

Message from the Guest Editor

Wildfires are a world problem but the majority of the events remain small and low intensity while extreme wildfire events are a scant minority in the total number of fires (about 10%) but are responsible of 90% of losses and damage. Extreme wildfires are increasing by around 50% by the end of this century according to United Nations Report (2022), despite growing wildfire control budgets, improved coordination, better knowledge, equipment, technology and trained workforce.

This Special Issue focus on but not exclusively to:

- Anatomy of extreme wildfires across the world;
- Conditions favorable to the occurrence of extreme wildfires and prediction models;
- Limits of firefighting activities and efficacy of different firefighting approaches;
- The constraints in the use and efficiency of aerial means;
- Personal safety of firefighters and training of coping skills and team building;
- Evacuation procedures and experiences;
- Firefighters risk perception;
- Firefighting at wildland-urban interface;
- Communities' awareness, perception, and preparedness to prevent and cope with extreme wildfires;
- Risk and emergency communication;
- Governance models and policies approaches.

Guest Editor

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Deadline for manuscript submissions

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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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