



fire



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Understanding and Managing Extreme Wildland Fires

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submissions:

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Message from the Guest Editors

This Special Issue “Understanding and Managing Extreme Wildland Fires” will focus on topics including pyrocumulonimbus formation, ember generation, transport and storms, fire whirls, fire tornados, eruptive fire, vortex-driven lateral spread, and fire merger with a view to developing an improved knowledge of the hazards, which can inform fire management strategies.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Case studies or data-driven empirical studies of extreme fire events around the globe;
- Numerical simulation or empirical studies of the phenomena driving extreme wildfire events (pyrocumulonimbus formation, ember storms, vortical fire events, eruptive fire, and merger);
- Development of models or correlations, including machine-learning models, for the prediction of extreme fire behaviour;
- Proposed strategies for improving the operational management of extreme wildfires and post-fire management.

We look forward to receiving your contributions.



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Special issue