



fire

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Vegetation Fires in South America

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Vegetation fires are a major disturbance in the tropics, where South America stands out for having both fire-sensitive (e.g., Amazonia) and fire-prone (e.g., Cerrado) biomes. In addition to this, fire activity in South America is associated with anthropogenic and natural processes.

This Special Issue aims to present original research on the quantification of vegetation fires and their associated impacts in South America, including on multiple scales of analysis (local to continental). In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

Fire detection and burned area estimates; fire drivers, including deforestation and drought events; fire severity and post-fire recovery; Pantanal fires and their impacts on local communities; fire management techniques in the fire-prone biomes of South America; estimates of biomass burning and associated emissions; economic costs of vegetation fires; association between respiratory diseases and smoke pollution; validation of orbital remote sensing-based estimates.

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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