

## Special Issue

# Addressing the Role of Wildland Fires in Socio-Ecology of Dry Tropical Forests

### Message from the Guest Editors

Tropical dry forests (TDFs) are seasonally dry ecosystems spanning areas of annual mean precipitation between 600 and 1600 mm during 4–7 months of the year. These ecosystems harbor diverse and multi-functional landscapes that are inextricably linked to the lives of millions of people across the globe. Fire has played a role in maintaining TDFs, traditionally used as a management tool by communities. However, in recent decades the frequency and intensity of fires have increased due to a combination of factors such as climate change, deforestation, and ecosystem degradation. Despite their significance, TDF ecosystems have not received adequate research attention, conservation, and/or development interventions compared to humid tropical forests. As a result, in many places they are threatened and or degraded. This research area offers an important contribution to improve the understanding of the fire–ecosystem–people nexus, and to inform tailored and adaptive fire management practices. The aim of this Special Issue is to compile information on the understanding of the role of fires in the socio-ecology of TDF.

### Guest Editors

Dr. Natasha Ribeiro

1. Department of Environmental Sciences, University of Virginia, Charlottesville, VA 22904, USA
2. Department of Forest Engineering, Faculty of Agronomy and Forest Engineering, Universidade Eduardo Mondlane, Avenida Julius Nyerere, Street. nr. Maputo 3453, Mozambique

Dr. Lucy Amissah

CSIR-Forestry Research Institute of Ghana, Kumasi, Ghana

Dr. João Neves Silva

Forest Research Centre, School of Agriculture, University of Lisbon, Tapada da Ajuda, 1349-017 Lisboa, Portugal

### Deadline for manuscript submissions

closed (30 June 2024)



## Fire

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 3.9



[mdpi.com/si/194262](https://mdpi.com/si/194262)

*Fire*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[fire@mdpi.com](mailto:fire@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[fire](https://mdpi.com/journal/fire)





# Fire

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 3.9



[mdpi.com/journal/  
fire](https://mdpi.com/journal/fire)



## 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

School of Biological Sciences, University of Tasmania, Private Bag 55,  
Hobart, TAS 7001, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), AGRIS, PubAg, and other databases.

#### Journal Rank:

JCR - Q1 (Forestry) / CiteScore - Q1 (Forestry)