

## Special Issue

# Effects of Fires on Forest Ecosystems

### Message from the Guest Editor

The growing risk of megafires and the loss of diversity and soil degradation, especially in areas with a Mediterranean climate, could be monitored and impacts limited through the application of different forest management strategies. Fire and fire ecology are among the best-studied topics in contemporary ecosystem ecology. Understanding fire effects and underlying principles is critical to reducing the risk of uncharacteristic wildfires and for the proper use of fire as an effective management tool toward management goals. This Special Issue aims to collect the most interesting scientific contributions in the context of a broad and fundamental research topic to apply post-fire restoration and recovery techniques in areas heavily damaged by fire. Original research articles and reviews are welcome in this Special Issue. Research areas may include (but are not limited to) the following:

- Ecology;
- Fire ecology;
- Forestry, Hydraulic forestry management;
- Restoration and recovery of the post-fire vegetation-soil system.

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### Guest Editor

Dr. Raffaella Lovreglio

Nuoro Forestry School, Department of Agriculture, University of Sassari, 07100 Sassari, Italy

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### Deadline for manuscript submissions

closed (30 June 2024)



## Fire

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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.

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### Editor-in-Chief

Dr. Grant Williamson  
School of Biological Sciences, University of Tasmania, Private Bag 55,  
Hobart, TAS 7001, Australia

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