

## Special Issue

# Wildfire Monitoring and Risk Management in Forests

### Message from the Guest Editor

Wildfires are a significant result of the interaction between different sources of pressure on forest ecosystems. Each year, forest fires destroy more than 1.3 million hectares in Europe, burn over 25 million acres in the U.S. and affect 98 million hectares of forest globally. Scientific progress in the search for solutions to the problem of wildfires has been remarkable in recent years. In my experience, there are two areas on which it is particularly important to focus the research effort. The first is the monitoring of wildfires, climate change and rising global temperatures, which have led to a surge in the intensity, frequency and duration of wildfires; scientific forecasts indicate that this trend will accelerate. On the other hand, it is becoming increasingly important to determine the risk of a forest burning, understanding risk as the aggregation of the probability and the environmental, social and economic impacts that wildfires can have. I encourage researchers from all fields, including experimental studies, tools and models, to contribute to this Special Issue to promote knowledge and adaptation strategies for the management and resilience of forest ecosystems.

### Guest Editor

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### Deadline for manuscript submissions

closed (25 July 2024)



## Forests

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### Message from the Editor-in-Chief

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