

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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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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