

Special Issue

Advanced Technologies for Forest Fire Detection and Monitoring

Message from the Guest Editors

Forests, as a crucial ecosystem, play a key role in maintaining global biodiversity and climate stability. However, the increasing frequency and intensity of forest fires pose a huge threat to these precious natural resources. With the rapid development of new technologies such as artificial intelligence and remote sensing, it has become particularly important to apply advanced technologies to forest fire monitoring. Comprehensively applying different new technologies in various development stages of forest fires for the danger forecast, early detection, and spread prediction of fires can provide effective support for curbing the occurrence and development of fires. This Special Issue aims to showcase the cutting-edge research results and innovative practices in the field of forest fire monitoring, aiming to build a platform for researchers, practitioners, and policymakers to exchange knowledge and ideas.

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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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