Special Issue

Application of Remote Sensing Technology in Forest Fires

Message from the Guest Editor

Remote sensing has emerged as a rapidly growing field with diverse applications in forest systems. These applications encompass vital aspects such as forest fire risk prediction, forest fire detection, assessment of fire damage in forests, and the monitoring of post-fire trajectories. Optimizing these applications has become crucial not only to accomplish scientific objectives but also to foster more sustainable forest management. We aim to gather scientific publications that contribute to the progress of remote sensing and forest sciences, focusing on the fire-related aspects mentioned earlier. This includes research on fire and fire damage prediction, fire detection, fire damage analysis, and the analysis of post-fire recovery in both forest and forestry ecosystems. We encourage submissions that leverage the potential of cutting-edge remote sensing tools, such as optical, thermal, RADAR, or LiDAR information. Furthermore, we welcome studies that employ state-of-the-art data processing and analysis methods, such as exploiting cloud computing facilities or utilizing artificial intelligence techniques.

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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