



Advances in Remote Sensing of Fire and Emergency Management

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Message from the Guest Editor

The increasing risk of wildfire resulting from climate change has demanded an increase in information to support mitigation, response, and recovery activities by fire management agencies. Climate change has increased the risk of fires in nature, necessitating more efforts in emergency management. Forest fires are among the most devastating natural disasters, affecting millions of people and ecosystems worldwide.

Remote sensing is a powerful tool for preventing, managing, and mitigating the effects of forest fires, and it is extremely useful in forest fire management. Remote sensing can be used to detect fires, monitor interventions, and for post-fire monitoring. Remote sensing can also provide information on the occurrence, extent, intensity, and severity of fires, as well as post-fire consequences such as vegetation recovery, soil erosion, and carbon emissions. Identifying these elements can help local governments in better management. This Special Issue aims to collect manuscripts that highlight recent progress and advances of remote sensing-based approaches to improve understanding of fire and emergency management.





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Message from the Editor-in-Chief

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