

## Special Issue

# Remote Sensing for Risk Assessment, Monitoring and Recovery of Fires

### Message from the Guest Editors

Remote sensing, utilizing sensors on satellites, aircraft or UAVs, is crucial for wildfire risk assessment, monitoring and recovery. Multi-source sensors, such as optical, thermal, radar and LiDAR, have made it possible to map forest structure, fuel type and arrangement, fire characteristics, etc. Additionally, artificial intelligence algorithms can learn high-level features from multi-source data and significantly improve the accuracy and efficiency of wildfire detection, mapping and recovery modelling. We look forward to receiving manuscripts that focus on leveraging remote sensing data and artificial intelligence technologies to help analyze the impact of wildfires. Topics of interest include, but are not limited to, the following:

- Utilizing remote sensing data for early fire detection and risk assessment;
- Monitoring fire spread and behavior using satellites, aircraft or UAVs;
- Assessing post-fire damage and recovery efforts through remote sensing techniques;
- Integrating remote sensing with other technologies for comprehensive fire management;
- Developing new algorithms and methods for processing and analyzing remote sensing data related to fires.

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### Deadline for manuscript submissions

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## Remote Sensing

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### Message from the Editor-in-Chief

*Remote Sensing* is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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### Editor-in-Chief

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