

Special Issue

Remote Sensing for Wildfire Science: Monitoring, Modeling, and Mitigation

Message from the Guest Editors

This Special Issue aims to showcase studies covering the potential uses of various remote sensing data, theories, and methodologies to advance wildfire management. It also welcomes interdisciplinary contributions that integrate remote sensing, geospatial science, computer technology, fire ecology, and related fields. By bringing together research from wildfire science, this Special Issue seeks to provide forward-looking resources for land managers and policymakers, contributing to more resilient communities and ecosystems in the face of increasing wildfire threats. Topics may cover the various applications of remote sensing in the field of wildfire science, such as in the monitoring, modeling, and analysis of wildfires. Submissions in any form (including research articles, reviews, etc.) are welcome. Potential topics include, but are not limited to, the following:

- Fire disturbance;
- Carbon cycling and wildfire emissions;
- Fuel properties and Fuel load;
- Biomass;
- Forest structure;
- Fuel moisture content;
- Fire behavior prediction;
- Wildfire risk modeling;
- Fire and burn severity;
- Fire ecology and management;
- Wildland–urban interface fire dynamics

Guest Editors

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Message from the Editorial Board

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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