



The Use of Remote Sensing Technology for Forest Fire

Guest Editors:

Prof. Dr. Fuquan Zhang

Prof. Dr. Ting Yun

Prof. Dr. Luis A. Ruiz

Dr. António Bento-Gonçalves

Deadline for manuscript
submissions:

15 October 2024

Message from the Guest Editors

The use of remote sensing and machine learning technology for forest fire prediction, deep-learning-based forest fire monitoring, and UAV-based forest fire severity classification have been gaining increasing attention in the field of fire management. The development of smart fire management needs to further promote the research, development, and application of more accurate and efficient methods for forest fire prediction and management, which can help reduce the risk of forest fires and provide timely and effective responses to forest fire emergencies. These technologies have the potential to greatly improve forest fire management and prevention efforts.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)