



Remote Sensing of Forest Fire: Data, Science and Operational Applications

Guest Editor:

Dr. Rosa Lasaponara

CNR-IMAA (Institute of
Environmental Analysis), 85050
Tito Scalo, Italy

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

Remote sensing technologies have long been considered as a key tool for fire data, science, modelling, management, and monitoring. The most recent developments in computer technology, data processing, artificial intelligence, deep learning approaches, and geospatial data mining techniques, etc. and are expected to significantly support and improve fire science and operational applications. We invite you to submit articles on topics including, but not limited to, the following:

- Earth observation (optical, SAR, UAV, and LiDAR) as a tool for data science and operational applications
- Advanced geospatial data mining techniques
- Integration of satellite, aerial/drone, and in situ observation in the Copernicus Era
- Fire disturbance monitoring at multiple spatio-temporal scales
- Deep learning approaches for fire science and applications
- Advances in remote sensing of forest fire fuel mapping
- Data integration for fire and post fire geo-hazards risk mitigation and management
- Earth big data for monitoring and mapping fire and post-fire induced risk
- Fusion and integration of data and information from multiple sources
- ...





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)