

## Special Issue

# Remote Sensing-Based Assessments in the Forest Fire Disturbance Continuum

### Message from the Guest Editor

Wildfires are one of the most important disturbance factors in terrestrial ecosystems worldwide, and have important implications for the regional to global climate system under unprecedented disturbance regimes. In this context, remote sensing data have become an important source for assessing all stages of the fire disturbance continuum for its cost-effectiveness and synoptic nature. The increasing availability of open access, active and passive remotely sensed global data sources, is very promising for this purpose. For instance, unprecedented spaceborne hyperspectral data, such as that provided by recently launched PRISMA and EnMAP spectrometer missions, have been opened new opportunities for assessing fire impacts on vegetation and soils. We invite scientific contributions to the exploitation of new and/or advanced remote sensing techniques, sensors, data collections, and processing methodologies that can be successfully applied in all stages of the fire disturbance continuum.

### Guest Editor

Dr. José Manuel Fernández-Guisuraga

1. Centro de Investigação e de Tecnologias Agroambientais e Biológicas, Universidade de Trás-os-Montes e Alto Douro, 5000-801 Vila Real, Portugal

2. Department of Biodiversity and Environmental Management, Faculty of Biological and Environmental Sciences, University of León, 24071 León, Spain

### Deadline for manuscript submissions

28 April 2025



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2  
CiteScore 8.3



[mdpi.com/si/155353](https://mdpi.com/si/155353)

*Remote Sensing*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)





# Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2  
CiteScore 8.3



[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)



## About the Journal

### 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.

---

### 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

---

### 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)