

## Special Issue

# Effect of Biomass-Burning on Atmosphere Using Remote Sensing

### Message from the Guest Editors

This Special Issue aims to bring together the latest studies covering anything from biomass-burning remote sensing to more comprehensive aims related to the integrated analysis of the impacts of biomass burning on climate and environment. We also welcome papers related to retrieval algorithms and machine learning applications for different sensors and platforms. Authors are encouraged to submit articles on topics including, but not limited to, the following:

- Biomass-burning monitoring based on different sensors and platforms;
- Remote sensing algorithms for carbonaceous aerosols;
- Regional and global environmental climate effects of biomass burning;
- Physicochemical mechanisms of biomass-burning aerosols;
- Analysis of global biomass burning cases;
- Application of machine learning to biomass-burning remote sensing.

---

### Guest Editors

Dr. Yu Wu

Dr. Fangwen Bao

Dr. Jing Wei

---

### Deadline for manuscript submissions

closed (31 July 2023)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/125012](https://mdpi.com/si/125012)

*Remote Sensing*  
Editorial Office  
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 4.1  
CiteScore 8.6



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



## About the Journal

### 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.

---

### Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

---

### 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)