

## Special Issue

# Exploring the Variations and Interplay of Drought and Heatwaves: Uncovering the Associated Mechanisms and Impacts

### Message from the Guest Editors

We hope that the manuscripts planned to submit to this Special Issue had better provide a multidisciplinary perspective, drawing from fields such as climatology, meteorology, hydrology, and ecology to gain a comprehensive understanding of this topic. It is also encouraged to consider the implications of these variations and interplay for natural and human systems, including water resources, agriculture, and human health. In summary, this Special Issue of “Exploring the Variations and Interplay of Drought and Heatwaves: Uncovering the Associated Mechanisms and Impacts” will be an important contribution to the field of drought and heatwave research, providing new insights and perspectives on the variations and interplay of these phenomena, and the associated mechanisms and impacts. It is a valuable resource for researchers, policymakers, and practitioners working in the fields of water resources, agriculture, and public health, as well as for anyone interested in understanding the complex and dynamic relationship between drought and heatwaves

---

### Guest Editors

Dr. Jinping Liu

Prof. Dr. Zengyun Hu

Dr. Hongquan Sun

Dr. Hui Tao

Dr. Arfan Arshad

---

### Deadline for manuscript submissions

closed (31 July 2024)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/159363](https://mdpi.com/si/159363)

*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)