



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

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)**

### 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





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, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)