

## Special Issue

# Remote Sensing in Agricultural and Environmental Water Monitoring and Impact Assessment

### Message from the Guest Editors

Monitoring the distribution and variation patterns of drought and floods accurately and in a timely manner will help to address the grand challenges, thereby enhancing food and water security, ecosystem services, and human living environments. Along with the rapid development of remote sensing technology, a number of satellite-based methods have demonstrated their potential to observe water information and related disasters over large scales and across different spatial resolution. This Special Issue aims to present original and innovative research in applications of remote sensing in agricultural and ecological drought monitoring, soil moisture detection, flood and water resources extraction, and impact assessment of water-related disasters.

Contributions may be on—but not limited to—the following topics:

- Agricultural drought monitoring;
- Drought impacts on crops;
- Ecological drought monitoring;
- Soil moisture detection;
- Flood monitoring and its impacts;
- Patterns of water resources;
- Relationship between water-related disasters and climate change.

### Guest Editors

Prof. Dr. Shibo Fang

Dr. Lei Wang

Dr. Wen Zhuo

Dr. Ce Zhang

### Deadline for manuscript submissions

closed (10 October 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## 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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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