



## Satellite-Based Climate Change and Sustainability Studies

Guest Editors:

**Prof. Dr. John J. Qu**

**Prof. Dr. Xianjun Hao**

**Dr. Zhiliang Zhu**

### Message from the Guest Editors

The issue will focus on innovative approaches and techniques that utilize remote sensing measurements to address climate change challenges and promote sustainability as well as explore the vast potential of satellite-based applications in monitoring and understanding climate change phenomena.

Deadline for manuscript  
submissions:

**31 July 2024**

- Applications of remote sensing observations in monitoring climate change and variations.
- Satellite-based monitoring of greenhouse gas emissions and atmospheric composition.
- Remote sensing of land use and land cover changes for climate change impact assessment.
- Applications of remote sensing for water resource management and conservation.
- Satellite-based monitoring of ecosystem functions, processes and biodiversity for sustainability assessments.
- Applications of remote sensing technology in renewable energy planning and development.
- Satellite-based approaches for disaster management and risk reduction in the context of climate change.
- Remote sensing applications on the water–energy–food–health nexus.
- Ecosystem vulnerability and resilience from remote sensing.





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## 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.

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## Contact Us

*Remote Sensing* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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