



## Application of Remote Sensing for Sustainable Development

Guest Editors:

**Prof. Dr. Hong Tang**

Faculty of Geographical Science,  
Beijing Normal University, Beijing  
100875, China

**Dr. Jing Wei**

Department of Atmospheric and  
Oceanic Science, Earth System  
Science Interdisciplinary Center,  
University of Maryland, College  
Park, MD 20740, USA

**Dr. Naisen Yang**

Environment Research Institute,  
Shandong University, Qingdao  
266237, China

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

Remote sensing has been widely utilized to maintain sustainable development, for instance, through environment change monitoring, air pollution modeling, and quick response to disaster and mitigation, urbanization and long-term human well-being.

This Special Issue entitled “Application of Remote Sensing for Sustainable Development” will contain significant results regarding how to achieve sustainable development in terms of different geographical scales ranging from global to local regions by applying remote sensing as an important technique. Topics of this issue consist of but not limited to:

- Remote sensing applications in environmental assessments;
- Air quality remote sensing;
- Urban remote sensing;
- Remote sensing of natural disasters;
- Time-serial remote sensing analysis for sustainable environment monitoring;
- Remote sensing image processing and machine learning for sustainable environment.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)