



*land*

an Open Access Journal by MDPI



## Current Advances in Remote Sensing for Arid Land Ecology and Environment Change Monitoring and Risk Assessment

Guest Editors:

**Dr. Alim Samat**

**Prof. Dr. Anming Bao**

**Dr. Jingjie Wang**

**Prof. Dr. Zhi Li**

**Dr. Xuemei Li**

**Dr. Ali Darvishi Boloorani**

**Dr. Mukhiddin Juliev**

Deadline for manuscript  
submissions:

**closed (31 January 2024)**

### Message from the Guest Editors

This Special Issue encourages the submission of review and research papers exploring remote sensing data, products, techniques, monitoring, and assessment of the arid and semiarid land environment and predictions of future climate change risks. In particular, topics that fall within the following themes (but not limited to them) are welcomed:

- Big remote sensing data for arid and semiarid lands;
- Advanced machine learning techniques for land use/cover (LUCC);
- Vegetation, water and wetland dynamics;
- Disaster monitoring and evaluation (e.g., drought, flood, sand and dust storms);
- Environment and climate change;
- Land surface phenology;
- Vegetation and soil parameter retrieval.



[mdpi.com/si/151401](https://mdpi.com/si/151401)

# Special Issue

an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Christine Fürst**

Institute for Geosciences and  
Geography, Department  
Sustainable Landscape  
Development, University of Halle,  
Von-Seckendorff-Platz 4, 06120  
Halle, Germany

## Message from the Editor-in-Chief

*Land* is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* 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, SSCI (Web of Science), PubAg, AGRIS, GeoRef, RePEc, and other databases.

**Journal Rank:** JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)

## Contact Us

---

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

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

[mdpi.com/journal/land](http://mdpi.com/journal/land)  
[land@mdpi.com](mailto:land@mdpi.com)  
[X@Land\\_MDPI](https://twitter.com/Land_MDPI)