



## High-Resolution Observations of Planetary Geological and Geomorphic Investigation

Guest Editors:

**Dr. Ákos Kereszturi**

Research Centre for Astronomy  
and Earth Sciences, Konkoly  
Observatory, Budapest, Hungary

**Dr. Jiannan Zhao**

Key Laboratory of Geological  
Survey and Evaluation of Ministry  
of Education, Planetary Science  
Institute, China University of  
Geosciences, Wuhan, China

Deadline for manuscript  
submissions:

**closed (31 March 2024)**

### Message from the Guest Editors

As one of the frontier topics of current scientific research, planetary geology and geomorphology exploration have reshaped our understanding of the space world. The continuous improvement of planetary remote sensing technology has greatly supported planetary geology and geomorphology investigation, as well as numerous scientific studies on the Moon, Mars and other planetary bodies in the solar system. It is regarded as one of the indispensable technologies for planetary exploration. Remote sensing data can be used to study planetary surface processes, identify sediments in planetary craters, detect liquid water on Mars, measure space weathering rates, reconstruct geological history, etc.

This Special Issue aims to document expertise in the exploration of all aspects of planetary geology, geomorphology, and landscape evolution through high-resolution observation, as well as contributions to the study of terrestrial planets. Topics include, but are not limited to, planetary geomorphology, planetary surface processes, shallow subsurface tectonics and weathering studies.





an Open Access Journal by MDPI

## Editors-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

### **Prof. Dr. Dongdong Wang**

Institute of Remote Sensing and  
Geographic Information Systems,  
Peking University, Beijing, China

## Message from the Editorial Board

*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)