

## Special Issue

# Quantifying Digital Geomorphology and Planetary Geomorphology Using Remote Sensing Techniques

### Message from the Guest Editors

With the continuous promotion of remote sensing and sample studies on Mars, Venus, the moon, and other celestial bodies, on the basis of classical global geomorphology, understanding the mechanisms and effects of geomorphological formation and evolution, geology and geomorphology, environmental evolution, and the effects of geomorphology on the stars can better serve Earth science research. This Special Issue welcomes research on quantitative and planetary geomorphology using remote sensing data acquired using different sensors and platforms. Research topics may cover digital geomorphology on scales ranging from regional to global, and even planetary. Additionally, we welcome digital topographic analyses using DEM data from different sources and of varying resolutions. Articles may address, but are not limited to, the following topics:

- Geomorphological classification and mapping;
- Geomorphological information Tupu;
- Geomorphological disasters;
- Permafrost change monitoring;
- Digital topographic analysis;
- Ground subsidence monitoring;
- Lunar carter extraction;
- Water inrush disasters.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2024)



## Remote Sensing

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by MDPI

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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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