

## Special Issue

# Remote Sensing and Photogrammetry Applied to Deep Space Exploration

### Message from the Guest Editors

Deep space exploration is at the forefront of scientific and technological development. Many countries and institutions have successfully implemented various deep space exploration missions, such as Lunar, Mars, and asteroid exploration, and will continue to carry out exploration missions in the future, including manned lunar exploration, lunar scientific research stations and manned Mars exploration. Remote sensing and photogrammetry play a crucial role in supporting these major tasks, which include global or key area mapping, mineral inversion, landing site selection, landing point positioning, and rover navigation and positioning. This Special Issue aims to present and exchange studies focusing on the application of remote sensing and photogrammetry in deep space exploration in recent years. The scope of this Special Issue includes, but is not limited to, the following topics:

- lunar and planetary remote sensing;
- lunar and planetary mapping;
- lunar and planetary photogrammetry;
- lunar and planetary geodesy;
- lunar and planetary reference frames;
- lunar and planetary surface navigation and positioning.

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### Guest Editors

Dr. Bin Liu

Dr. Mao Ye

Dr. Philipp Gläser

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### Deadline for manuscript submissions

closed (15 December 2025)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### 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.

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### Editors-in-Chief

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