

## Special Issue

# New Views of the Moon: Recent Advances in Lunar Remote Sensing and Applications

### Message from the Guest Editors

This Special Issue aims to provide an overview of recent scientific advancements in lunar remote sensing, emphasizing new insights into lunar geology, mineralogy, volatile distribution, surface processes, and the lunar environment. The scope of this Special Issue includes, but is not limited to, the following topics:

- Detection and mapping of lunar volatiles;
- Mapping of lunar minerals, compositions and glasses;
- Lunar exploration site selection and surface hazard assessment;
- Space weathering, lunar regolith evolution;
- Lunar geology analysis using remote sensing datasets;
- Lunar sample analysis and ground truth calibration;
- Preliminary application of Artificial Intelligence in Lunar remote sensing;
- Innovative concepts for future lunar exploration missions;
- The South Pole–Aitken;
- lunar topography and geomorphology;
- Innovative methods for lunar remote sensing data calibration, processing, and scientific applications.

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### Guest Editors

Dr. Lingzhi Sun

Dr. Yuqi Qian

Dr. Le Qiao

Dr. Honglei Lin

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### Deadline for manuscript submissions

31 August 2026



## Remote Sensing

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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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