



Planetary Remote Sensing: Chang'E-4/5 and Mars Applications

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Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue invites manuscripts resulting from processing remote sensing datasets acquired by the latest mission to the Moon and Mars as well as from analyzing lab spectral data. Manuscripts are expected to highlight the importance of lab spectroscopic and imaging remote sensing for investigation of the Moon, Mars, and related planetary bodies. The topics will include but are not limited to the following:

- Chang'E-4/5 for mapping of surface regolith, mineralogy, and lithology;
- Scientific investigations from recent Mars missions on rocky classification, structure identification, and volcanism;
- Optical remote sensing and data analysis;
- Thermal remote sensing of physical and compositional properties;
- Microwave remote sensing of surface and subsurface properties;
- Radiative transfer models for planetary remote sensing;
- Integration of remote sensing data with lab measured spectra and sample compositions;
- Photogeological analysis of rocky units and geological structures of different planets;
- Spectroscopic analysis of molecular water (H₂O) or other hydroxyl (OH) compounds;
- Space weathering.





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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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Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

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