



Planetary Exploration Using Remote Sensing—Volume II

Guest Editors:

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Message from the Guest Editors

We propose this Special Issue as a platform for exchanging ideas and experiences in planetary remote sensing, covering topics that will not only focus on the surfaces of terrestrial planets, but will also cover the sub-surfaces of planets and satellites as well as the atmosphere of giant planets.

Contributions are encouraged on:

Deadline for manuscript
submissions:

30 September 2024

- Applications of ground-penetrating radar for studying the subsurface of planetary bodies;
- Utilizing advanced multi-hyperspectral sensors and other optical sensing tools for quantitative and qualitative analysis of planetary features;
- Investigating the possibility of sub-surface oceans and liquid water on icy moons using remote sensing;
- Exploration of planet surfaces through active sensing techniques like SAR (Synthetic Aperture Radar) and LIDAR (Light Detection and Ranging);
- Developing techniques to map the mineral distribution and geological features of solid planetary and satellite surfaces;
- Introduction of innovative missions and sensor proposals for advancing planetary remote sensing capabilities;
- Connecting scientific models and interpretations with remote sensing technology to enhance understanding and analysis.





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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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