Special Issue

Planetary Exploration Using Remote Sensing—Volume II

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:

- 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.

Guest Editors

Dr. Pingping Lu

Dr. Jungrack Kim

Dr. Niutao Liu

Prof. Dr. Jiaqi Chen

Deadline for manuscript submissions

closed (15 February 2025)

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

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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.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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