

## Special Issue

# Planetary Geologic Mapping and Remote Sensing (Third Edition)

### Message from the Guest Editors

Planetary geologic maps are spatial and temporal representations of the materials, landforms, structures, and processes of planetary surfaces. Planetary geologic mapping is largely based on analyses of various remote sensing data acquired by space missions and is fundamental in understanding the formation and evolution of planetary surfaces and shallow subsurfaces. Planetary remote sensing techniques and the ever-increasing data have greatly supported geologic mapping, as well as other scientific studies of the Moon, Mars and other planetary bodies in the solar system. This is the third edition of the Special Issue “[Planetary Geologic Mapping and Remote Sensing](#)”. We welcome new submissions on the recent advances in planetary geologic mapping and planetary remote sensing. Articles may address, but are not limited to, the following topics:

- Planetary geologic mapping;
- Planetary geomorphologic mapping;
- Photogrammetric remote sensing of planetary surfaces;
- Spectroscopic remote sensing of planetary surfaces;
- Remote sensing methods, data calibration and validation;
- Planetary GIS for geologic mapping;
- Recent and future planetary exploration missions;
- Landing sites studies;
- Analog studies.

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### Guest Editors

Prof. Dr. Jan-Peter Muller

Head, Imaging Group, Mullard Space Science Laboratory, Department of Space & Climate Physics, University College London (UCL), Holmbury St Mary, RH5 6NT, UK

Prof. Dr. Zongyu Yue

Institute of Geology and Geophysics Chinese Academy of Sciences, Beijing, China

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### Deadline for manuscript submissions

30 September 2026



## Remote Sensing

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

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### 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

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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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