Special Issue

Advances in Remote Sensing of Mars: Geomorphological Research and Environmental Assessment

Message from the Guest Editor

This Special Issue aims to address the use of new satellite sensors and rover platforms in order to interpret and reinterpret Martian geomorphology. The scope of the submitted articles includes, but is not limited, to the following topics: 1. Satellite and rover remote sensing of the Martian surface:

- satellite/rover RS sensor systems (current and future planned)
- terrain analysis techniques as applied to mars
- change detection/current geomorphic activity

2. Analysis of Martian geomorphic forms, processes and rates, including, but not limited to, the following:

- glacial: cirques, eskers, moraines, lineated valley fill
- periglacial: frost polygons, araneiforms
- hillslope: slope streaks, recurring slope lineae, landslides, chaos terrain
- aeolian: TARs, barchans, ventifacts, yardangs, dust deposition
- fluvial: river channels, deltas, alluvial fans
- rates of erosion and deposition: cratering impacts, physical and chemical processes

3. Terrestrial analogs for Martian landforms

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2024)

Remote Sensing

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Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/170079

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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

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