Special Issue

Hyperspectral and Multispectral Imaging in Geology

Message from the Guest Editors

This Special Issue aims at collecting high-level contributions focusing on new advances in hyperspectral and multispectral imaging and relative processing algorithms for geological applications.
Geological applications:

- Surface composition (rock, mineral and soil mapping)
- Alteration zones, associated mineral and metal deposits
- Planetary geology
- Hydrocarbon exploration
- Mine tailings and pollution detection
- Drill core imaging
- Ground-based outcrop imaging
- Geothermal energy potential

Data processing techniques/algorithms:

- Data preprocessing (noise reduction, gap filling)
- Imaging spectroscopy
- Clustering
- Classification
- Spectral unmixing (Linear and non-linear)
- Dimensionality reduction
- Data transformations
- Multiscale imaging
- Validation procedures

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)

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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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