

## 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

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### Guest Editors

Dr. Olga Sykioti

Senior Researcher Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing, National Observatory of Athens, Vas. Pavlou and I. Metaxa, 15236 Penteli, Greece

Dr. Konstantinos Koutroumbas

Research Director Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing, National Observatory of Athens, Vas. Pavlou and I. Metaxa, 15236 Penteli, Greece

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### Deadline for manuscript submissions

closed (31 December 2021)



## 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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*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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