Special Issue

Hyperspectral Imaging for Fine to Medium Scale Applications in Environmental Sciences

Message from the Guest Editors

The aim of this Special Issue is to focus on all applications of remote and proximal hyperspectral imaging at very fine (microscopic) to medium scales. This includes lab and out-of-lab studies; the latter ranging from on-ground to near-ground observations up to typical flight heights of UAVs (usually about 50 m). Researchers from all disciplines in the environmental and earth sciences using hyperspectral imaging in their research are welcome, including e.g. vegetation and soil science, water spectroscopy (inland, ocean and coastal waters), geology, mineralogy and sedimentology, agriculture, crop science, precision farming, biology and biodiversity, climate change, geoarchaeology, palaeoenvironmental sciences and related fields. Contributions may cover new applications making specific use of image data, but also instrumental settings, sensor integration in multi-sensor approaches, spectral databases, processing workflows, product validation, statistical and computational methods for image analysis, data mining and machine learning methods, etc.

Guest Editors

Prof. Dr. Michael Vohland

Geoinformatics and Remote Sensing, Institute for Geography, Leipzig University, Johannisallee 19a, 04103 Leipzig, Germany

Dr. András Jung

1. Department of Geoinformatics and Remote Sensing, Leipzig University (LU), D-04103 Leipzig, Germany
2. Department of Agricultural Engineering, Szent István University, (SZIU), H-1118 Budapest, Hungary

Deadline for manuscript submissions

closed (31 October 2019)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/6145

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

mdpi.com/journal/remotesensing

MDPI

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

MDPI

About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)