Special Issue

Deep Learning for the Analysis of Multi-/Hyperspectral Images

Message from the Guest Editors

Unlike human eyes, which can only be exposed to visible light, multi-/hyperspectral imaging is an imaging technique used for the collection and processing of information across a large portion of the electromagnetic spectrum. Multi-/hyperspectral images have a strong spectral diagnostic capability to distinguish materials that, to humans, look similar. Over the past few years, deep learning has been powering many aspects of remote sensing image processing applications ranging from low-level restoration to high-level analysis, and remarkable breakthroughs have been achieved by deep learning-based approaches. This Special Issue invites manuscripts that present new deep learning models or introduce the most advanced deep networks for processing and analyzing multi-/hyperspectral images. Articles for this Special Issue may address, but are not limited, to the following topics:

- Spatial/Spectral Super-Resoluion
- Image Fusion/Pansharpening
- Image Denoising/Destriping
- Image Registration/Matching
- Compressive Sensing
- Computational Imaging
- Image/Sense Classification
- Object Detection
- Clustering
- Segmentation

Guest Editors

Prof. Dr. Junjun Jiang

Prof. Dr. Leyuan Fang

Prof. Dr. Jiayi Ma

Deadline for manuscript submissions

closed (28 February 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/104966

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

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)