Special Issue

Recent Advances in Multi- and Hyperspectral Image Analysis

Message from the Guest Editor

The aim of this Special Issue is to gather and present recent advances in multi- and hyperspectral image analysis. The core themes of this topic cover all steps of the data processing pipeline, from its acquisition to final analysis and understanding.

- Pre/post-processing of multi/hyperspectral images;
- Band selection from multi/hyperspectral images;
- Feature extraction and learning from multi/hyperspectral images;
- Data fusion of high-dimensional data;
- Spectral and spatial super-resolution;
- Deep learning-powered algorithms for multi/hyperspectral data analysis;
- Classification and segmentation of multi/hyperspectral images;
- Multitemporal and multisensor analysis;
- Event detection and tracking:
- Prediction from multi/hyperspectral data;
- Deployment of machine/deep learning-powered techniques for multi/hyperspectral data analysis in hardware-constrained environments;
- Robustness of deep learning-powered techniques for multi/hyperspectral data analysis;
- Concept drift in multi/hyperspectral data analysis.

Guest Editor

Dr. Jakub Nalepa

- 1. Silesian University of Technology, Akademicka 16, 44-100 Gliwice, Poland
- 2. KP Labs, Konarskiego 18C, 44-100 Gliwice, Poland

Deadline for manuscript submissions

closed (31 May 2021)



Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/48875

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

mdpi.com/journal/ sensors





Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

