



sensors



an Open Access Journal by MDPI

Hyperspectral Imaging for Unmanned Aerial Vehicle (UAV) and Vehicle Detection

Guest Editor:

Dr. Donghyeon Cho

Department of Electronics
Engineering, Chungnam National
University, Daejeon 34134,
Republic of Korea

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editor

The aim of this Special Issue of Sensors collects original research papers, comprehensive review articles and analysis report (with providing a new dataset) in the field of hyperspectral image for Unmanned Aerial Vehicle (UAV) and Vehicle Detection. Potential topics include but are not limited to the following:

- Hyperspectral imaging system
- Object detection for hyperspectral imaging system
- Segmentation for hyperspectral imaging system
- Small object detection
- Hyperspectral image enhancement (super-resolution, denoising, dehazing, deraining, low-light enhancement)
- Aerial image enhancement (super-resolution, denoising, dehazing, deraining, low-light enhancement)
- Data augmentation for hyperspectral imaging system
- Other Applications using hyperspectral imaging system
- Any other topics related aerial images.



mdpi.com/si/135883

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)