

Special Issue

Unmanned Aerial Systems and Sensor Networks

Message from the Guest Editor

This Special Issue will publish innovative works that explore new trends, frontiers and challenges in the field of UAS–SN cooperation, including new architectures, techniques and protocols, as well as implementation issues, devices, real-world deployments and new applications. Topics of interest include, but are not limited to:

- Architectures and UAS–SN integration
- Cooperation between UAS and static SNs
- Cooperation between UAS and networked ground robots
- UAS–SN communication models
- UAS–SN modeling, simulation and performance
- SN algorithms for integration with UAS
- UAS control and planning for integration with SN
- UAS–SN perception
- Security issues and protocols
- Devices and hardware design
- Implementation issues
- Real-world deployments and lessons learnt
- Applications: data collection, wireless aerial networks, target detection, smart cities, structural monitoring, earth/crop monitoring, animal monitoring, among many others

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/sensors/special_issues/UAS_SensorNetworks

Guest Editor

Dr. José Ramiro Martínez-De-Dios

School of Engineering, University of Seville, Avda. Camino de los Descubrimientos, 41092 Seville, Spain

Deadline for manuscript submissions

closed (31 December 2019)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/si/21084](https://www.mdpi.com/si/21084)

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

[mdpi.com/journal/sensors](https://www.mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)