

Special Issue

First Experiences with Chinese Gaofen-3 SAR Sensor

Message from the Guest Editors

The Chinese Gaofen-3 (GF-3) satellite was launched on 10 August, 2016, by the China Academy of Space Technology (CAST), and has been in operation since January, 2017. With its C-band Synthetic Aperture Radar (SAR) sensor, featuring a large radar antenna that is 15 m in length, GF-3 is able to image the Earth's surface in all weather conditions, regardless of whether it is day or night. Submissions are encouraged to cover a broad range of topics, which may include, but are not limited to, the following:

- Mission status and planned/operational products
- Satellite System Design/Manufacture
- Calibration and validation activities of Gaofen-3 and instrument characteristics
- Status of collaborative ground segments (CGS)
- SAR polarimetry
- SAR interferometry
- Marine and maritime applications
- Land cover/Land use
- Geohazards and disaster monitoring
- Critical infrastructure surveillance
- Target detection
- Tools, toolboxes and algorithms for analyzing Gaofen-3 data

Guest Editors

Prof. Dr. Qingjun Zhang

Prof. Dr. Zhenhong Li

Prof. Dr. Yunkai Deng

Prof. Dr. Guisheng Liao

Deadline for manuscript submissions

closed (31 December 2018)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/8606

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

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

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)