



sensors



an Open Access Journal by MDPI

Advances in Remote Sensors for Earth Observation

Guest Editor:

Prof. Dr. Massimo Menenti

1. State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences, Beijing 100101, China
2. Department of Geoscience and Remote Sensing, Faculty of Civil Engineering and Geosciences, Delft University of Technology, 2628 Delft, The Netherlands

Deadline for manuscript submissions:

closed (21 April 2022)

Message from the Guest Editor

Dear Colleagues,

This is an invitation to contribute to a Special Issue aiming to provide a snapshot of new horizons in Earth observations introduced simultaneously by advances in new physical measurements and by the rapid miniaturization of established sensor systems. The efforts of the science and engineering community have paved the way for fundamentally new measurements, such as Doppler lidars and fluorescence radiometry, and for far-reaching miniaturization of complex instruments, including hyperspectral imagers. In addition, the feasibility of on-board data processing has been demonstrated even on nano-satellites. This leads to instrument design and information extraction based on increasingly focused and solid physics underpinning narrowly defined measurement concepts.

For more information, please visit: mdpi.com/si/77683

Dr. Massimo Menenti

Guest Editor



mdpi.com/si/77683

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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