

Special Issue

Recent Advances in Big Data and Cloud Computing

Message from the Guest Editor

Big data is a rapidly expanding research area, spanning the fields of computer science and information management, and has become a ubiquitous term used when understanding and solving complex problems in different disciplinary fields, such as engineering, applied mathematics, medicine, computational biology, healthcare, social networks, finance, business, government, education, transportation and telecommunications. The cloud represents the natural evolution of distributed computing and the widespread adaption of virtualization. Cloud computing has become a platform for the consumption and delivery of scalable services in the field of IT services. The Special Issue topics include, but are not limited to, the following:

- System architecture for cloud/edge/fog computing;
- Coordination between cloud, fog and sensing/actuation endpoints;
- Connectivity, storage and computation in the edge;
- Security, privacy and ethics issues related to the cloud and big data;
- Power, energy and resource management;
- Big data analytics and machine learning;
- Big data platforms and technologies;
- Predictive and business intelligence;

Guest Editor

Prof. Dr. Robert Hsu

Department of Computer Science and Information Engineering,
National Chung Cheng University, Chiayi, Taiwan

Deadline for manuscript submissions

closed (20 June 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/75806

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)