

Special Issue

Latest Advances and Prospects in Big Data

Message from the Guest Editors

The development of big data will enhance the discovery of useful information, such as hidden patterns and unknown correlations, that can be useful in many fields, including healthcare, manufacturing, social life, etc. However, there are still many challenges and issues that need to be solved in the area of big data. Hence, we invite the academic community and relevant industrial partners to submit papers to this Special Issue on relevant fields and topics, including (but not limited to) the following:

- Novel algorithms for big data analysis;
- Big data preprocessing techniques (acquisition, integration, cleaning, and transformation);
- Data mining, machine learning, and deep learning for big data analysis;
- Application of computer vision techniques in big data analysis;
- Big database engineering and applications;
- Visualization and visual analytics for supporting the big data analysis process;
- Privacy issues in big data applications;
- Scientific data analysis and visualization;
- Cloud computing applications for big data processing;
- High performance computing for big data;
- Big data analysis: case studies and applications.

Guest Editors

Prof. Dr. Kwan-Hee Yoo

Prof. Dr. Carson K. Leung

Prof. Dr. Hyung-Jeong Yang

Prof. Dr. Nakhoon Baek

Deadline for manuscript submissions

closed (31 March 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/73918

Applied Sciences
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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), Ei Compendex, Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)