



## Algorithms and Applications regarding Big Data Analytics and Machine Learning

Guest Editors:

**Dr. Abdalwali Lutfi**

College of Business  
Administration, King Faisal  
University, Al-Ahsa, Saudi Arabia

**Prof. Dr. Ahmad Al-Khasawneh**

Cybersecurity Department,  
President of Irbid National  
University, 21110 Irbid, Jordan

Deadline for manuscript  
submissions:

**closed (20 July 2023)**

### Message from the Guest Editors

This Special Issue aims to cover the advances and application of BDA, AI, and ML and will present new ideas and experimental results in the field of BDA, AI, and ML from design, service, and theory to their practical use. Areas relevant to BDA, AI, and ML include, but are not limited to: big data analytics, computation and data-intensive applications, novel concurrent algorithms and applications, machine learning for management, artificial intelligence, machine and deep learning, and techniques for resources management in the context of systems.

### Keywords:

- big data
- machine learning
- artificial intelligence
- data analytics
- decision-making process
- electronic and mobile applications
- smart applications
- cloud based-systems
- data quality and accessibility
- digital accounting management





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## 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.

## 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, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/AtApplsci)