

## Special Issue

# Application of Cloud Computing in Industrial Internet of Things

### Message from the Guest Editors

Dear Colleagues: This Special Issue invites academics, professionals, and business experts to exchange knowledge in this rapidly growing field. It comprehensively covers the most recent developments in the closely linked topics of Industrial Internet of Things and cloud computing. Researchers are encouraged to contribute their unpublished original findings on the following topics, although they are not limited to them:

- Cloud-based big data analytics and machine learning in IIoT;
- Cloud service models for IIoT device management;
- Digital twins using the cloud for IIoT;
- Security and privacy of cloud-based IIoT;
- Energy-efficient cloud computing in IIoT;
- Impact of 5G/6G on cloud-integrated IIoT;
- Blockchain as a cloud service for IIoT;
- Edge computing in IIoT;
- Cloud-driven supply chain optimisation in IIoT;
- Optimisation of algorithms for cloud-based IIoT systems;
- Cloud-enhanced smart manufacturing and robotics.

We look forward to receiving your contributions.

---

### Guest Editors

Dr. Muhammad Kazim

Dr. Mujeeb Ur Rehman

Dr. Stefan Kuhn

---

### Deadline for manuscript submissions

15 January 2026



## Big Data and Cognitive Computing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.4  
CiteScore 9.8



[mdpi.com/si/199061](https://mdpi.com/si/199061)

*Big Data and Cognitive Computing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[bdcc@mdpi.com](mailto:bdcc@mdpi.com)

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





# Big Data and Cognitive Computing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.4  
CiteScore 9.8



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



## About the Journal

### Message from the Editor-in-Chief

*Big Data and Cognitive Computing (BDCC)* is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

---

### Editor-in-Chief

Prof. Dr. Min Chen

School of Computer Science and Engineering, South China University of Technology, Guangzhou 510641, China

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, Inspec, Ei Compendex, and other databases.

#### Journal Rank:

JCR - Q1 (Computer Science, Theory and Methods) /  
CiteScore - Q1 (Computer Science Applications)