

## Special Issue

# Recent Trends and Applications of Data Science in Social Network

### Message from the Guest Editor

This Special Issue focuses on advancing data science techniques and algorithms for social network analysis, inviting original research and reviews on novel methods and applications. Key topics include architectures, protocols, and standards for social network analytics; AI-based agents and systems for social sciences; fog/edge and cloud AI solutions; trust and recommendation systems; energy-aware analytics; data mining and machine learning applications; and responsible AI frameworks. Contributions addressing data-driven insights for social and professional networks are also encouraged, aiming to foster innovation in understanding and leveraging social network data.

---

### Guest Editor

Prof. Dr. Fabrizio Messina

Department of Mathematics and Computer Science, University of Catania, 95125 Catania, Italy

---

### Deadline for manuscript submissions

27 October 2026



## Big Data and Cognitive Computing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.4  
CiteScore 9.8



[mdpi.com/si/235323](https://mdpi.com/si/235323)

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

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



## About the Journal

### Message from the Editor-in-Chief

*Big Data and Cognitive Computing (BDC)* 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)