

## Special Issue

# Data Aggregation, Data Fusion and IoT (Internet of Things)

### Message from the Guest Editors

IoT systems aim to create a world that enables the interconnection and integration of things in the physical world and cyberspace. However, raw IoT data mostly contains uncertainty and imperfection, and data aggregation and fusion techniques are applied to combine the data from multiple sources effectively and accurately.

This SI welcomes authors to submit new research results from the use of multiple sensor data fusion to generate IoT environments or other industrial applications. Topics include:

- AI-based sensor data fusion and aggregation;
- Machine learning-based data aggregation for IoT;
- Intelligent multi-sensor fusion;
- Data aggregation and fusion in smart city;
- IoT environments or Industrial IoT (IIoT) using sensor data aggregation and fusion;
- Preparation and filter techniques for data fusion and aggregation;
- Information fusion techniques and applications;
- Data analysis for multi-sensor fusion;
- IoT/sensor energy-efficient data aggregation and fusion;
- Multi-sensor-based planning and decision-making;
- Applications of multi-sensor fusion and aggregation;
- Data fusion of distributed sensors in the IoT environments...

---

### Guest Editors

Dr. Ihsan Ullah

Dr. Muhammad Sajjad Khan

Dr. Hyun-Kyo Lim

Dr. Gan Huang

---

### Deadline for manuscript submissions

closed (31 December 2023)



## AI

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 6.9



[mdpi.com/si/154969](https://mdpi.com/si/154969)

AI  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ai@mdpi.com](mailto:ai@mdpi.com)

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

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





# AI

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 6.9



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Kenji Suzuki

Biomedical Artificial Intelligence Research Unit (BMAI), Institute of  
Integrated Research, Institute of Science Tokyo, Yokohama 226-8501,  
Japan

---

#### Author Benefits

##### Open Access:

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

##### High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO,  
and other databases.

##### Journal Rank:

JCR - Q1 (Computer Science, Interdisciplinary Applications)  
/ CiteScore - Q2 (Artificial Intelligence)