



# AI



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

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Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### 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...



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# Special Issue