



Artificial Intelligence-Based Algorithms in Wireless Sensor Networks

Guest Editor:

Prof. Dr. Chang Wu Yu

Department of Computer Science
and Information Engineering,
Chung Hua University, Hsinchu
City 300, Taiwan

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editor

The main focus of this Special Issue strives for a deeper understanding of AI-based algorithms and theories which are developed to build up WSNs.

- wireless sensor networks
- AI-based algorithms including machine learning, genetic algorithms, clustering, decision trees, support vector machines, k-nearest neighbor, neural networks, fuzzy theory for wireless sensor networks
- AI-based data structures for wireless sensor networks
- AI-based protocols for wireless sensor networks
- AI-based mathematic models for wireless sensor networks
- AI-based optimization problems for wireless sensor networks
- AI-based performance evaluation for wireless sensor networks
- AI-based system design for wireless sensor networks
- AI-based simulation tools for wireless sensor networks





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-
von-Guericke-University, P.O. Box
4120, D-39016 Magdeburg,
Germany

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compendex](#), and [other databases](#).

Journal Rank: JCR - Q2 (Computer Science, Theory and Methods) / CiteScore - Q1 (Numerical Analysis)

Contact Us

Algorithms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/algorithms
algorithms@mdpi.com
[X@Algorithms_MDPI](https://twitter.com/Algorithms_MDPI)