

Special Issue

Artificial Intelligence (AI) in Smart Buildings

Message from the Guest Editor

Smart building refers to any structure that uses automated processes to automatically control the operation of the building, including heating, ventilation, air conditioning, lighting, security, and other systems. In recent years, artificial intelligence technologies have been widely used in smart buildings, which improve the operation and management efficiency of buildings. At the same time, these technologies can also improve the safety and amenity of building users. The Journal of *Applied Sciences* is calling for the submission of articles to a Special Issue on Smart Cities. Topics to be addressed include:

- Cyber-security and data privacy
- Data visualization
- Intelligent infrastructure
- Intelligent public transportation systems
- Intelligent traffic systems
- Internet of Things (IoT)
- Modeling and simulation of smart city systems
- Sensors
- Smart city analytics
- Theoretical underpinnings of smart city systems, including:
 - Artificial intelligence
 - Computational intelligence
 - Machine learning and pattern recognition

Guest Editor

Prof. Dr. Anca Ralescu

Department of Computer Science, University of Cincinnati, Cincinnati, OH 45221, USA

Deadline for manuscript submissions

closed (31 August 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/56385

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)