

## Special Issue

# Advances in the Building Information Modelling

### Message from the Guest Editors

We are delighted to announce the call for papers for a Special Issue on "Advances on Building Information Modelling." Building Information Modelling (BIM) has emerged as a transformative technology in the field of construction and architecture, revolutionizing the way projects are designed, constructed, and managed. This Special Issue aims to bring together cutting-edge research and advancements in BIM, providing a platform for scholars, practitioners, and industry professionals to share their insights and contribute to the development of this rapidly evolving field. We invite original research papers, reviews, case studies, and perspectives that address various aspects of BIM, including but not limited to:

- BIM implementation and adoption strategies;
- BIM for sustainable design and construction;
- BIM-based project collaboration and coordination;
- BIM interoperability and data integration;
- BIM-enabled construction automation and robotics;
- BIM for prefabrication and modular construction;
- BIM-driven design optimization and simulation;
- BIM and artificial intelligence applications.

### Guest Editors

Prof. Dr. Nikos D. Lagaros

Institute of Structural Analysis & Antiseismic Research, Department of Structural Engineering, School of Civil Engineering, National Technical University Athens (NTUA), 9, Heron Polytechniou Str., Zografou Campus, 15780 Athens, Greece

Dr. Chara Ch Mitropoulou

School of Civil Engineering, National Technical University of Athens, 9 Iroon Politechniou Street, 157 80 Zografou, Greece

### Deadline for manuscript submissions

closed (31 December 2024)



## Applied Sciences

an Open Access Journal  
by MDPI

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/178166](https://mdpi.com/si/178166)

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

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

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





# 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 )