

## Special Issue

# Advanced Digital Systems and Their Applications in Innovation, Emerging Technologies and Strategic Approaches

### Message from the Guest Editors

This Special Issue welcomes original research articles, theoretical analyses, case studies, and reviews that address the design, implementation, and strategic use of advanced digital systems in applied contexts. We are particularly interested in contributions that bridge the gap between technology development and strategic innovation practices, demonstrating how digital tools can support organizational transformation, innovation management, and competitive advantage. Topics of interest include, but are not limited to, the following:

- Applications of advanced digital systems in industry, services, and public sectors;
- Digital transformation and strategy alignment;
- Innovation processes supported by digital technologies;
- Integration of emerging technologies (AI, IoT, blockchain, etc.) in strategic contexts;
- Strategic foresight, roadmapping, and digital innovation planning;
- Digital platforms and ecosystems for innovation and collaboration;
- Data-driven innovation and strategic decision-making;
- Organizational and societal impacts of digital systems;
- Case studies on successful digital innovation strategies;
- Challenges and best practices in aligning technology with strategic goals.

---

### Guest Editors

Dr. Ioanna Giannoukou

Department of Management Science and Technology, University of Patras, 265 04 Patras, Greece

Dr. Spyros Sioutas

Department of Computer Engineering and Informatics, School of Engineering, University of Patras, 265 04 Patras, Greece

---

### Deadline for manuscript submissions



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/249760](https://mdpi.com/si/249760)

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

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

[applsci](https://doi.org/10.3390/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, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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