

## Special Issue

# Materials and Digital Technologies for Sustainable Construction

### Message from the Guest Editor

Sustainability in construction projects requires a reconciliation between environmental, economic and social impacts. By recognizing the challenge, extensive research has been conducted over the past few decades to develop the required technology to i) assess the environmental, financial and social impact of the projects, ii) develop alternative materials, as well as structural and operational solutions, to reduce negative environmental and social impacts of the projects, iii) national and international strategies and guidelines to regulate and reward the sustainability improvement efforts. Two major scientific disciplines contributing significantly to the above three fields are materials science and computer science where numerous innovative materials and digital solutions have been developed to assist organizations in achieving their sustainability goals. This issue calls for papers on innovative and practical solutions in the construction materials and digital engineering disciplines with particular focus on improving the economic, environmental and social sustainability in construction. [appls-ci.com/special-issues/Digital\\_Sustainable\\_Construction](https://appls-ci.com/special-issues/Digital_Sustainable_Construction)

### Guest Editor

Dr. Ali Akbar Nezhad

School of Civil and Environmental Engineering, University of New South Wales (UNSW Sydney), Sydney, NSW 2052, Australia

### Deadline for manuscript submissions

closed (20 January 2022)



## Applied Sciences

an Open Access Journal  
by MDPI

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/88622](https://mdpi.com/si/88622)

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

[mdpi.com/journal/](https://mdpi.com/journal/appls-ci)

[appls-ci](https://appls-ci.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 )