

Special Issue

Toward Sustainable Engineering Structures for Better Safety in Built-Environment

Message from the Guest Editors

The concept of safe design in architectural and civil engineering is important for protecting humanity, considering the economic, environmental, and social aspects of society and their capacity and opportunity to maintain and improve the quality of life without degrading the quantity and quality. This Special Issue covers various research topics related to safety and sustainability issues in the recent engineering-built environment.

- Sustainable construction materials;
- Steel, concrete, and composite structures;
- Prestressed and precast construction;
- Structural reliability;
- Structural strengthening and rehabilitation;
- Sustainable engineering in design method, standard and code, and its applications;
- Sustainable building and infrastructures;
- Long-term maintenance and monitoring of built environments;
- Sustainable alternatives in geotechnical engineering;
- Sustainable engineering management for the long service life of built environments;
- New emerging environmental issue

Guest Editors

Dr. Deuckhang (DK) Lee

Dr. Donghyuk Jung

Dr. Sanghee Kim

Deadline for manuscript submissions

closed (28 February 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/43974

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

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