



## New Frontiers in Buildings and Construction

Guest Editor:

**Prof. Dr. Stojan Kravanja**

Faculty of Civil Engineering,  
Transportation Engineering and  
Architecture, University of  
Maribor, Smetanova ulica 17,  
2000 Maribor, Slovenia

Deadline for manuscript  
submissions:

**closed (25 May 2022)**

### Message from the Guest Editor

Dear Colleagues,

I kindly invite you to contribute to a Special Issue of *Applied Sciences* with the latest findings and modern trends in the field of buildings and construction. Submissions will highlight the recent development in design, optimization, production, and experimentation. I encourage the publication of all innovations in the fields of structural engineering, geotechnics, hydraulic engineering, building and transportation infrastructure, materials, construction management, and building architecture.

Submissions of research achievements in structural analysis, structural optimization, high-performance structures, structural safety, dynamics, seismic resistance, reliability-based design, and structural measurement are desirable. Contributions on special themes such as new materials, composite materials and structures, sustainability, energy-efficient buildings, green buildings, lifecycle cost calculation, and eco-cost calculation (footprint) are very welcome.

Prof. Stojan Kravanja, D.Sc., M.Sc., B.Sc.

*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

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

## 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.

## 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, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/AtApplsci)