

Special Issue

Architectural Structure

Message from the Guest Editor

Since the 20th century, the development of more refined design criteria, computational tools, new structural materials, and new structural typologies has made it possible to further optimize the volume of materials and also to rationalize their use even more. Today, the masters of architecture and engineering are able to design and build slender and more elegant structures fulfilling all architectural and engineering requirements. The aim of the Special Issue is to gather advances in architectural structures and inspire researchers and practitioners to share their knowledge and experience in the field, and also explore new directions for the future. In this Special Issue, we welcome both original research studies and review papers based on diverse topics, with architectural structures as a reference point, such as:

- New typologies;
- Innovative structural systems;
- Innovative structural materials;
- Experimental and/or numerical studies;
- Construction techniques;
- Case studies, including design projects.

Assistant Professor with Aggregation Luís Filipe Almeida Bernardo

Guest Editor

Dr. Luís Filipe Almeida Bernardo

GeoBioTec, Department of Civil Engineering and Architecture,
University of Beira Interior, Calçada Fonte do Lameiro, 6201-001
Covilhã, Portugal

Deadline for manuscript submissions

closed (31 May 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/32302

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

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)