



Steel Structures Design and Evaluation in Building Engineering

Guest Editor:

Dr. Amir M. Yousefi

School of Engineering, Design
and Built Environment, Western
Sydney University, Sydney,
Australia

Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editor

Dear Colleagues,

Steel offers significant advantages, including sustainability, recyclability, formability, and architectural expression. When used in building structures, steel provides speedy construction, safety, robustness, and ductility. Cold-formed steel (CFS) has been extensively used in low- to mid-rise structures due to various attractive properties, such as high strength-to-weight ratio, non-combustibility, and ease of installation, which make CFS an attractive option for residential and light-commercial building structures. The aim of this Special Issue is to cover the design and assessment of steel structures, particularly within the steel building industry. This issue also focuses on the behavior and design of cold-formed steel structures.

In this Special Issue, original research articles and reviews are welcome. Research areas may include, but are not restricted to, structural steel research, structural engineering and innovations, structural dynamics, structural stability, light weight structures, and steel framing.

We look forward to receiving your contributions.

Dr. Amir M. Yousefi

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)