

# Special Issue

## Cold-Formed Steel Structures: Behaviour, Strength and Design

### Message from the Guest Editor

This [Special Issue](#), entitled “Cold-formed Steel Structures: Behaviour, Strength and Design”, aims to discuss and disseminate the most recent theoretical, numerical, experimental and design advances related to cold-formed steel structures, including (but not limited to):

- CFS members (carbon and stainless steel, including holes);
- CFS built-up section members;
- CFS connections, frames, walls and shear walls;
- Coupling phenomena;
- Seismic response of CFS structures;
- Fire behaviour;
- Design considerations (e.g., Direct Strength Method–DSM);
- Experimental investigations;
- Structural reliability;
- Optimization applications.

For scholars interested to submit papers to the [Special Issue](#), please click “[Submit to Special Issue](#)” or contact Astoria Yao: [astoria.yao@mdpi.com](mailto:astoria.yao@mdpi.com).

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### Guest Editor

Dr. André Rafael Dias Martins

IDMEC (Mechanical Engineering Institute), Department of Mechanical Engineering, Instituto Superior Técnico, University of Lisbon, 1049-001 Lisbon, Portugal

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### Deadline for manuscript submissions

closed (20 November 2023)



## Buildings

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*Buildings*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[buildings@mdpi.com](mailto:buildings@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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### Editor-in-Chief

Prof. Dr. David Arditi

Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

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#### Journal Rank:

JCR - Q2 (Construction and Building Technology) /  
CiteScore - Q1 (Architecture)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).