

## Special Issue

# Selected Papers from the 4th International Conference Steel and Composites for Engineering Structures (4thICSCES)

### Message from the Guest Editors

This Special Issue features expanded papers invited by the 4th ICSCES organizers, based on selected conference contributions. This Special Issue seeks to establish a high-caliber multidisciplinary forum for the dissemination and critical discussion of recent advances, prevailing challenges, and emerging trends in the domains of steel and composite materials, computational modelling and simulation, and structural health monitoring of engineering structures. Scholars and practitioners are encouraged to contribute original research articles and comprehensive review papers that reflect substantive findings and foster scholarly exchange. The main topics encompass a wide range of subjects related to composite and steel structures, including innovative materials (e.g., FRP, natural fibres, masonry, timber, rubber), structural rehabilitation techniques, computational modeling methods, AI and big data applications, structural health monitoring, non-destructive testing, and performance analysis of advanced composite systems at multiple scales (nano to macro).

### Guest Editors

Prof. Dr. Gabriele Milani

Department of Architecture, Built Environment and Construction Engineering ABC, Politecnico di Milano, Piazza Leonardo da Vinci 32, 20133 Milan, Italy

Dr. Erica Magagnini

Department of Construction, Civil Engineering and Architecture, Polytechnic University of Marche, 60131 Ancona, Italy

### Deadline for manuscript submissions

30 December 2025



## Journal of Composites Science

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 5.8



[mdpi.com/si/246835](https://mdpi.com/si/246835)

*Journal of Composites Science*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jcs@mdpi.com](mailto:jcs@mdpi.com)

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

[jcs](https://jcs)





# Journal of Composites Science

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 5.8



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Dr. Francesco Tornabene  
Department of Innovation Engineering, University of Salento, 73100  
Lecce, Italy

---

#### Author Benefits

##### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

##### High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

##### Journal Rank:

JCR - Q2 (Materials Science, Composites) / CiteScore - Q1 (Engineering (miscellaneous))