

## Special Issue

# Sustainable Polymer Composites: Waste Reutilization and Valorization

### Message from the Guest Editor

The demand for greener, more intelligent materials is rapidly shaping the future of composites. This Special Issue invites innovative contributions that explore the science, engineering, and transformative potential of sustainable polymer composites—materials designed with environmental responsibility at their core. We are seeking bold research that reimagines composite materials through the lens of sustainability. This includes the creative reuse of waste plastics and fillers, the integration of bio-derived and biodegradable polymers, and the advancement of eco-efficient manufacturing techniques. Studies focused on recyclability, design for circularity, and life-cycle-oriented thinking are particularly encouraged. We welcome original research articles, reviews, and case studies that challenge conventional thinking and push the boundaries of sustainable materials development. This Special Issue aims to inspire solutions that not only perform well but also endure responsibly in an ever-changing world.

---

### Guest Editor

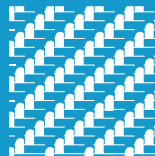
Dr. Reza Salehiyan

School of Computing, Engineering and Built Environment, Edinburgh Napier University, Edinburgh EH10 5DT, UK

---

### Deadline for manuscript submissions

20 December 2025



## Journal of Composites Science

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 5.8



[mdpi.com/si/242471](https://mdpi.com/si/242471)

*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))