

## Special Issue

# Wood Plastic Composite for Sustainable Environment and Recycling Economy

### Message from the Guest Editors

The use of waste plastic and wooden fibers to produce wood–plastic composite products is an appropriate project to follow the trend. Wood–plastic refers to a new type of composite material that contains thermoplastics or thermosets with waste wood fiber, which is recognized as a sustainable green material to achieve durability without the use of toxic chemicals. This material is mostly used in various furniture production and part of automobile manufacturing, since its relatively low density, recyclability, and natural fiber-filled thermoplastics have less impact on the environment. This Special Issue aims to provide a platform for scholars to share knowledge and thoughts on technical and economic evaluation of WPC applications. Additionally, the changes that WPC offered to the environment and economy are also of great research significance. The purpose of the Special Issue is to comprise the current knowledge and the most recent research of all topics involved WPC to promote the development of a sustainable environment and low-carbon economy. We look forward to receiving your contributions.

---

### Guest Editors

Dr. Zhenling Liu

Prof. Dr. Wanxi Peng

Prof. Dr. Nyuk Ling Ma

---

### Deadline for manuscript submissions

closed (31 August 2022)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/104804](https://mdpi.com/si/104804)

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

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





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



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



## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

---

### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)