



*inventions*



an Open Access Journal by MDPI

## Novel Composite Materials from Recycled Constituent Materials

Guest Editor:

**Prof. Dr. Emin Bayraktar**

School of Mechanical and  
Manufacturing Engineering,  
Supmecca-Paris, 3 rue Fernand  
Hainaut, 93400 Saint Ouen,  
France

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editor

This Special Issue will cover “Novel Composites from Recycled Constituent Materials” and include the processing and characterization of composites manufactured from recycled constituents. These composites exhibit a light weight and high strength, while having a low manufacturing cost. Currently, these composites are made up of different pure metallic, non-metallic, alloys, synthetic, hybrid reinforced with different fresh and/or scrap materials, producing tough, corrosion-resistant parts and improving the mechanical, physical, and physical-chemical properties for certain applications.

This Special Issue presents a collection of original research and reviews focused on laboratory- and industrial-scale solutions to the sustainable development of novel and environmentally friendly novel composites from recycled constituent materials.



[mdpi.com/si/72530](https://mdpi.com/si/72530)

**Special** Issue



an Open Access Journal by MDPI

## Editors-in-Chief

### **Prof. Dr. Chien-Hung Liu**

Department of Mechanical  
Engineering, National Chung  
Hsing University, 250 Kuo Kuang  
Rd., Taichung 402, Taiwan

### **Prof. Dr. Shoou-Jinn Chang**

Department of Electrical  
Engineering, National Cheng  
Kung University, Tainan 701,  
Taiwan

## Message from the Editorial Board

The unique journal *Inventions* is different from all other journals. Many scholars spend their lives publishing research papers in many different journals, but most of these journals do not help scholars collate and analyze their results or assist in promoting them to a relevant industry. However, *Inventions* will help authors not only to publish their papers in the journal, but also to promote their research results to industry and assist them in realizing the purpose of technology transfer. In the future, *Inventions* will help authors to evaluate their technology license fees based on the valuation theory and approaches and also help authors to show their patents and technologies on a network transaction platform.

## 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, Ei Compendex and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Inventions* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/inventions](http://mdpi.com/journal/inventions)  
[inventions@mdpi.com](mailto:inventions@mdpi.com)