



## Fiber-Reinforced Polymer (FRP) Composites for Structural Applications

Guest Editor:

**Dr. Jiping Bai**

Faculty of Computing,  
Engineering and Science,  
University of South Wales,  
Treforest Campus, Pontypridd  
CF37 1DL, UK

Deadline for manuscript  
submissions:

**closed (10 November 2023)**

### Message from the Guest Editor

Dear Colleagues,

Fiber-reinforced polymers (FRP) have become fundamental composite materials for renovating and strengthening existing infrastructure throughout the world. FRP composite materials have been utilized to develop a wide range of new innovative types of hybrid materials and structural systems. In recent years, composites properties and performance more generally have been further enhanced through optimization of composites matrix integration. In responding to the climate emergency, FRPs also provide eco-efficient repair and rehabilitation of infrastructures.

This Special Issue welcomes high-quality research papers which advance FRP innovation in construction sustainability, productivity, safety, quality, design, material, process, and structural applications.

Dr. Jiping Bai  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

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

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)