





an Open Access Journal by MDPI

## **Advances and Application of Construction Materials**

Guest Editors:

#### Dr. Francisco J. Rescalvo

Building Engineering School, University of Granada, 18071 Granada, Spain

#### Dr. Rafael Pareia

Department of Structural Mechanics and Hydraulic Engineering, University of Granada, 18071 Granada, Spain

Deadline for manuscript submissions:

20 April 2025

### **Message from the Guest Editors**

Dear Colleagues,

In recent decades, construction technology has evolved significantly. Proof of this are the advances in different materials, such as the use of carbon fiber or the development of engineered wood products (EWPs). These two examples mark a change in the construction trend towards more efficient and environmentally sustainable solutions. The application of novel materials is vital to the success of the construction solution. This involves knowing and understanding how the junctions work, as well as the interaction of different materials in the structural assembly.

The papers to be published in this Special Issue are expected to cover new structural product designs, new measurement techniques, new testing methods, and new evaluation procedures, validation, case studies, structural health monitoring, etc.

Dr. Francisco J. Rescalvo Dr. Rafael Pareja *Guest Editors* 











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**