# **Special Issue**

# Sustainable, Self-Healing, and Eco-Friendly Construction Materials

## Message from the Guest Editors

Sustainable, self-healing, and eco-friendly construction materials provide a platform for research related to the science, engineering, and technologies of materials (reuse, recycle, redesign, remanufacture, reduce, recover), lifecycle engineering, and lifecycle assessment of materials. In the context of the above, the following list of topics reflects the scope of this Special Issue:

- Sustainable and green materials;
- Materials for passive cooling systems;
- Highlights issues related to materials recovery and self-healing materials;
- Transforming waste material into a useful product with economical value;
- Development of novel materials from sustainable sources;
- Production and consumption, waste management, and secondary raw materials;
- Functional materials and ecodesign;
- Natural fiber-based composites.

### **Guest Editors**

Prof. Dr. Mazen Alshaaer

- 1. Department Mechanics of Materials and Constructions (MEMC), Vrije Universiteit Brussels (VUB), 1050 Brussels, Belgium
- 2. Department of Physics, Prince Sattam Bin Abdulaziz University, Al-Kharj 11942, Saudi Arabia

Dr. Slávka Andrejkovičová

Geosciences Department, Geobiotec Research Unit, University of Aveiro, PT-3810-193 Aveiro, Portugal

## Deadline for manuscript submissions

closed (31 December 2022)



## Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/95248

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





## Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



## **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 OC5, 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, CAPlus / SciFinder, and other databases.

#### **Journal Rank:**

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

