



## Sustainable Approaches for Developing Concrete and Mortar

Guest Editors:

**Dr. Ali Edalat Behbahani**

ISISE, Department of Civil  
Engineering, School of  
Engineering, University of Minho,  
4800-058 Guimarães, Portugal

aliedalatbehbahani@gmail.com

**Dr. Fatemeh Soltanzadeh**

ISISE, Department of Civil  
Engineering, School of  
Engineering, University of Minho,  
4800-058 Guimarães, Portugal

soltanzadehfaranak@gmail.com

**Dr. Amin Abrishambaf**

CONSTRUCT-LABEST, Faculty of  
Engineering (FEUP), University of  
Porto, 4099-002 Porto, Portugal

aminab@fe.up.pt

Deadline for manuscript  
submissions:

**15 November 2021**

### Message from the Guest Editors

We are calling for papers for a Special Issue of the journal Sustainability to shed light on the most sustainable approaches for developing concrete and mortar.

Concrete and mortar are some of the most widely used construction materials in the world. However, the extensive increase in the rate of industrialization and urbanization, as a result of the parallel growth in economy and population, has made conventional concrete/mortar one of the most unsustainable materials, as it consumes a high amount of natural resources and impacts the environment. Thus, the introduction and application of sustainable solutions for the production of the more environmentally friendly concretes/mortars (e.g., by adopting alternative recycled waste materials that reduce the emission of greenhouse gases, collaborate in construction and demolition waste management, and conserve non-renewable resources) is of paramount importance for the building sector in order to deal with environmental issues.





an Open Access Journal by MDPI

## 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

## 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. The journal publishes original research articles, reviews, conference proceedings (peer-reviewed full 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.

## 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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

**Journal Rank:** [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

## Contact Us

---

*Sustainability*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[@Sus\\_MDPI](https://twitter.com/Sus_MDPI)