



## Recent Advances in Concrete Technologies and Building Materials

Guest Editors:

**Dr. Salmabanu Luhar**

Frederick research center,  
Frederick University, P.O. Box  
24729, Nicosia 1303, Cyprus

**Prof. Dr. Mohd Mustafa Al  
Bakri Abdullah**

Center of Excellence Geopolymer  
and Green Technology  
(CEGeoGTech), Universiti  
Malaysia Perlis (UniMAP), Arau  
02600, Perlis, Malaysia

**Dr. Ismail Luhar**

Shri Jagdishprasad Jhabarmal  
Tibrewala University, Rajasthan  
333001, India

Deadline for manuscript  
submissions:

**closed (31 July 2022)**

### Message from the Guest Editors

Dear Colleagues:

Currently, novel inorganic alumino-silicate materials, known as geopolymer composites, have emerged swiftly as an eco-benevolent alternative to contemporary ordinary Portland cement (OPC) building materials. These altogether form the core reasons to twist the arm of researchers, scientists and engineers to search for alternative construction materials that should be essentially sustainable, durable, user and eco-friendly and more significantly economically affordable.

This Special Issue focuses on novel and impactful research on the development of sustainable cementitious composites, geopolymers; self-healing, Sustainable and environmental development, waste materials management and other advanced and emerging technology in concrete- 3D printing; artificial intelligence of geopolymer composites.

I/We look forward to receiving your contributions.

Dr. Salmabanu Luhar

Dr. Mohd Mustafa Al Bakri Abdullah

Dr. Ismail Luhar

*Guest Editor*





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. *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.

## 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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

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

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

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