

Special Issue

Advances in Geopolymers and Fiber-Reinforced Concrete Composites

Message from the Guest Editor

In this Special Issue, original research articles and reviews are welcome and research areas may include, but are not limited to, the following topics: (1) the mechanical properties and performance of geopolymers and FRC composites; (2) the durability and long-term behavior of geopolymers and FRCs in various environments; (3) sustainable production techniques and applications for concrete composites; (4) the structural and non-structural applications of geopolymers and FRC composites in construction; (5) fiber types and their influence on the properties of FRC composites; (6) the impact of nanomaterials in terms of enhancing the performance of geopolymers and FRCs; (7) the behavior of geopolymers and FRCs under extreme loading conditions (e.g., fire, seismic events, etc.); (8) recycling and waste utilization in the production of geopolymers and FRC composites; (9) the life cycle assessment (LCA) of geopolymers and FRC composites in construction applications; (10) computational modeling and simulations of geopolymers and FRC composites for predicting performance. We look forward to receiving your contributions.

Guest Editor

Dr. Zhiyun Deng

School of Civil Engineering, Beijing Jiaotong University, Beijing 100044, China

Deadline for manuscript submissions

31 December 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/236724

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

[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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.

Editor-in-Chief

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

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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)