

Special Issue

Advancements in Sustainable Silicate Materials and Their Applications

Message from the Guest Editors

We are inviting submissions to this Special Issue titled “Advancements in Sustainable Silicate Materials and Their Applications”. Carbon neutrality is the world’s first result-oriented, standardized, and quantified development goal. To achieve this goal, conversion of industrial and municipal solid wastes into sustainable silicate-based materials serves as a momentous measure. This Special Issue aims to explore the latest advancements in silicate materials derived from solid wastes, focusing on their applications in cement, concrete, ceramic, and glass materials. Contributions addressing novel processing techniques, material properties, and their potential for eco-friendly applications are highly encouraged. Topics of interest include, but are not limited to, the following:

- Recovery of solid wastes in innovative construction materials.
- Development of structural or functional ceramics and glass materials from solid waste.
- Characterization and performance evaluation of waste-derived silicate materials.
- Innovations in low-carbon material processing technologies.
- Environmental and economic assessments on waste-derived silicate materials.

Guest Editors

Dr. Ziwei Chen

Dr. Ru Ji

Dr. Hao Wang

Deadline for manuscript submissions

20 January 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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

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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

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