Special Issue

Use of Industrial Solid Wastes for Sustainable Construction

Message from the Guest Editors

Whether as an additive or a replacement for the aggregates or binder, the incorporation of waste materials in mortar and concrete serves to reduce the adverse environmental impact associated with the cement industry, preserve natural resources, provide a means of sustainable waste management, promote sustainable construction, and endorse the concept of a circular economy. This special issue focuses on the utilization of industrial solid wastes to enhance the sustainability of construction materials. Original articles, review articles, and case studies are welcomed. Topics include but are not limited to:

- Characterization of waste materials
- Mixture proportioning of waste-derived mortar and concrete
- Classification and processing techniques of industrial wastes
- Alkali-activated materials and geopolymer composites
- Novel applications of waste materials
- Optimization and analytical techniques
- Performance and microstructure evaluation of waste-derived products
- Cleaner production and life cycle assessment

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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.

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