

Special Issue

Critical Issues in Development of Materials in Civil Engineering

Message from the Guest Editor

The modern civil engineer should make a modern and sustainable design that deals with traditional and advanced construction materials. Therefore, next to the development of construction technology, attention to the developed construction materials has increased. Considering that the total amount of buildings around the world is expected to double by 2060. The council has set the goal of fully decarbonizing the construction sector by 2050. Significant research on advanced materials has led to a better understanding of these materials and improved their sustainability. Original research (theoretical and experimental), case studies, and comprehensive review papers are invited for possible publication in this Special Issue. Relevant topics to this Special Issue include, but are not limited to the following subjects:

- Cementitious and non-cementitious materials;
- High-performance concrete;
- Waste materials application in the construction sector;
- Nano-materials;
- Sustainability and recycling;
- Geopolymer concrete;
- Cultural heritage and materials.

Guest Editor

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Deadline for manuscript submissions

closed (29 February 2024)



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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. 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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