



Critical Issues in Development of Materials in Civil Engineering

Guest Editor:

**Dr. Mohammad Ali
Mosaberpanah**

Department of Civil Engineering,
Cyprus International University,
Nicosia 99258, Cyprus

Deadline for manuscript
submissions:

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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.





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Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
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Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
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