



Advances in Sustainable and Eco-Efficient Construction Materials

Guest Editor:

Prof. Dr. Moncef L. Nehdi

Department of Civil and
Environmental Engineering,
Western University, London, ON
N6B 5L9, Canada

mnehdi@uwo.ca

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Message from the Guest Editor

Portland cement production alone is currently the third largest source of global CO₂ anthropogenic emissions. The construction industry at large is the most responsible worldwide for depleting natural resources. Moreover, the built environment is the most energy-intensive sector of the economy. With the advent of climate change threats to ecosystems, biodiversity, and human life, research on sustainable and eco-efficient construction materials has become of paramount importance. This Special Issue seeks robust research studies on carbon-neutral construction materials, building materials with high recycled content, beneficiation of by-products and waste materials in construction, green construction practice, sustainable construction materials with enhanced mechanical, durability, and thermal performance, and related innovative research centered on the sustainability of construction materials. Both experimental and modeling studies will be considered. However, such studies shall clearly identify the novelty and contribution to the state-of-the-art. Redundant studies that report on issues already covered in the open literature will not be considered.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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