

Special Issue

Advancements in Eco-Friendly Concrete and Sustainable Construction Materials

Message from the Guest Editors

Eco-friendly concrete and sustainable construction practices are increasingly recognized as key enablers for mitigating climate change and promoting green infrastructure. Recent advances, including low-carbon cementitious binders, thermal insulation solutions, additive manufacturing with sustainable mixes, and novel waste valorization strategies, have reshaped the way materials are conceived and applied. The purpose of this Special Issue is to join forces and create a collection of novel research works and innovative approaches that address the environmental and sustainability challenges of the construction sector. This Special Issue aligns closely with the journal's broader scope by highlighting how eco-friendly concrete and construction materials can contribute to reducing carbon emissions and conserving resources. The contributions to this Special Issue will serve as valuable references for advancing sustainable construction practices and integrating eco-friendly concretes into real-world applications across diverse sectors of the built environment.

Guest Editors

Dr. Mohammad R. Irshidat

Center for Advanced Materials, Qatar University, Doha P.O. Box 2713, Qatar

Dr. Muni Raj Maurya

Center for Advanced Materials, Qatar University, Doha P.O. Box 2713, Qatar

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

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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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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