

Special Issue

Nano-Engineered Concrete for Smart and Sustainable Structures

Message from the Guest Editors

As the second-largest consumable material for the last 150 years globally, concrete is playing a significant role in changing the development landscape of the world. It has continuously evolved as new demands have arisen; in its first generation, it progressed by achieving higher compressive strength. Nano-engineered concrete aims to be intelligent, strong, durable, easy to cast, recyclable, and eco-friendly. These attributes can improve the reliability and longevity of buildings and infrastructures, enhance functional performance, secure them against natural hazard vibrations, reduce lifecycle cost, and shorten the burdens on natural resources and the environment. This Special Issue will help advance the research on nanomaterials in concrete for their potential application in designing and constructing smart and sustainable buildings and infrastructures. We seek high-quality research manuscripts that address the development and application of NECC.

Guest Editors

Prof. Dr. Nasir Shafiq

Dr. Montasir Osman

Dr. Mubarak B. A. Wahab

Deadline for manuscript submissions

closed (31 October 2022)



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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. *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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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