

Special Issue

Advancing Sustainable and Low Carbon Innovations in the Global Construction Industry

Message from the Guest Editors

Over the years, the construction industry has been described as a critical contributor of carbon emission, high energy consumption, and unsustainable environment due to the industry's activities. Globally, the industry in its delivery of construction projects accounts for the substantial global energy consumption and significant carbon emission from production of materials, construction and use of its products. The unsustainable nature of construction activities has led to the continuous call for sustainable practices within the construction industry. This involves not only reducing carbon emissions but also integrating eco-friendly materials, efficient energy consumption, and innovative technologies. By focusing on sustainability, the construction industry can minimize its carbon footprint, while improving environmental health, and contributing to smart and resilient cities development. This transformation entails collaboration across various disciplines, including engineering, architecture, and urban planning, in order to foster innovative solutions that promote long-term sustainable growth.

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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.

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