

Special Issue

Advances in Sustainable Construction and Building Materials

Message from the Guest Editor

The building and construction sector has been identified by most governments worldwide as being responsible for between 50 and 60% of carbon emissions. This percentage is set to increase significantly as energy usage increases worldwide. The drive to cut carbon emissions to the point where society is making a “Net Zero” contribution to carbon levels is essential to secure our future on this planet. In addition, the future of humanity and biodiversity is our biggest global challenge, wrapped up in the climate emergency. It is imperative that new sustainable construction and building material development has the possibility of unlocking the solutions to the current global challenges. The papers collected in this Special Issue can help researchers and practicing engineers, construction and building material scientists, and low-carbon and sustainability practitioners to find more advanced techniques and alternative approaches towards sustainable construction and building material development.

Guest Editor

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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

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