

Special Issue

Recent Developments in Environmentally Sustainable and Cost-Effective Construction Materials

Message from the Guest Editor

Quality assurance (QA) procedures and cost-effective construction materials are commonly used during construction. They may also require several measurements using point-wise density measurement tools. The required tests are destructive in nature and a source of some performance issues. Furthermore, the QA methods are time-consuming to perform and are only helpful in determining the cost of the project. The Earth's urbanizing, growing population is placing enormous demands on the construction sector. At the same time, concerns about climate change and dwindling natural resources place increasing pressure on construction firms to build green and reduce environmental impacts. This Special Issue of *Sustainability* is therefore dedicated to comprehensive reviews and original studies on the resource use, environmental impacts, technical performance, and cost of cementitious materials and concrete containing less common, non-conventional materials. Additionally, techniques used or any attempts to reuse the recycled materials as a cement replacement and reduce concrete resource use and environmental impacts are welcome.

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. *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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