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Sustainability and Application of Civil Engineering Materials and Building Materials

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Message from the Guest Editors

The need for civil engineering and building materials is continuously increasing, driven by the world population growth and the gradual human interest for modern infrastructures. These needs have led to an increase in the production and development of various building materials and building techniques. However, these developments are also impacting the environment in different ways, some of them being less environmentally friendly, with a high CO₂ footprint and significant impact on global warming. To mitigate these impacts, sustainable approaches should always be considered at different stages of the civil engineering and building materials sector, including raw materials selection, materials processing, and building techniques. A good management of construction and demolition wastes should also be considered. This Special Issue aims to regroup scientific contributions of potential interest for mitigating the environment impact of building materials and the construction sector. It is mainly focused on, but not limited to, original research and reviews articles involving sustainability considerations in the development and use of civil engineering and building materials.



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Special Issue



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Message from the Editor-in-Chief

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