

Special Issue

Sustainable and Resilient Construction Materials

Message from the Guest Editors

Industrial and municipal waste generation is an unavoidable by-product of civilised societies. With the global population set to reach over 11 billion by the year 2100, the generation of waste and infrastructure projects around the world will certainly strain the Earth's already fragile ecosystem.

Turning industrial and domestic waste into useful construction products helps the environment in different ways. It primarily decreases reliance on mining of virgin raw products and damaging the local natural environment. It also reduces the cost of landfill management and environmental impact of waste disposal. The outcome is usually a cost-effective 'green' material that can be used towards infrastructure development.

This Special Issue is dedicated to waste-to-construction or waste valorisation of industrial and domestic waste products, including organic waste, glass, plastic, metals and timber. Research work focusing on efficient use of waste materials to achieve requisites for sustainability and resilience in an integrated way will be highly regarded.

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Message from the Editor-in-Chief

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.

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