

Special Issue

Eco-Friendly Recycling of Solid Waste into Construction Materials

Message from the Guest Editors

Solid wastes are a rising concern due to their huge production scale and potential toxicity to the environment. Dumping and landfilling are no longer encouraged and are gradually becoming prohibited across the globe. Regarding their negative environmental impact and the valuable components available, eco-friendly transformation into construction materials is a cost-effective approach to the utilization of wastes. This approach is possible because waste, appropriately prepared, can be used as auxiliary material along with materials from natural resources in construction projects, possibly showing better performance than materials currently used. The associated research achievements and innovative technologies are becoming increasingly important and attractive for researchers and practitioners in the environmental protection and construction industries. This Special Issue welcomes articles delivering new findings and innovative technologies achieving the eco-friendly transformation of waste into construction materials, working towards environmental sustainability. We welcome original research and review articles with a clear applied focus in these areas.

Guest Editors

Prof. Dr. Shaopeng Wu

Dr. Qunshan Ye

Dr. Jun Xie

Dr. Albert Lau

Deadline for manuscript submissions

closed (30 June 2023)



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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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