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Recycling Waste in Construction Materials

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Deadline for manuscript
submissions:

closed (30 November 2020)

Message from the Guest Editors

Dear Colleagues,

Human activities, such as construction, impact the environment. Recycling waste reduces disposal costs and carbon emissions. It also helps to comply with environmental legislation and landfill restrictions. In this sense, it is important to find appropriate alternatives to ordinary Portland cement (OPC) in the field of construction.

This Special Issue solicits contributions on some of the following areas and subjects:

- Life cycle assessment and management of waste/by-products to improve their efficiency and productivity
- Properties and applications of recycled aggregates from construction and demolition waste
- Development of construction material from nontraditional concrete including waste/by-products
- Geopolymers and alkali-activated materials
- Magnesium phosphate cements
- Repairing materials
- Lightweight materials and aggregates
- Landfill disposal
- Economic analysis



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Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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