Special Issue

Construction & Demolition Waste Management Policies for Improved Resource Efficiency and Sustainability

Message from the Guest Editor

Construction and Demolition (C&D) waste is the heaviest and most voluminous waste stream generated in developed countries, accounting for about one third of all waste produced. It arises from activities such as the construction and the total or partial demolition of buildings and civil infrastructure, road planning and maintenance. C&D waste consists of numerous materials, including concrete, bricks, gypsum, wood, glass, metals, plastic, solvents, asbestos and excavated soil, many of which have a high resource value and can be recycled. In particular, there is a re-use market for aggregates derived in roads, drainage and other construction projects. If not separated at source, C&D waste can contain small amounts of hazardous wastes, the mixture of which can pose particular risks to the environment and can hamper recycling. It is important in all advanced countries to encourage the proliferation of infrastructures and methods for recycling and reuse of C&D waste materials. For all of the above reasons, we encourage researchers to share their original work in the field of Construction and Demolition (C&D) waste management.

Guest Editor

Prof. Dr. Javier Cárcel-Carrasco
Institute of Materials Technology, Universitat Politècnica de València, 46022 Valencia, Spain

Deadline for manuscript submissions

closed (31 October 2021)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/59564

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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