



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

Guest Editor:

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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.





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