



Sustainable Civil Engineering and Construction Waste Management

Guest Editor:

Dr. Søren Munch Lindhard

Department of the Built
Environment, Aalborg University,
Aalborg, Denmark

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Message from the Guest Editor

The generation of waste is a global problem in need of sustainable solutions. In the EU alone, 2.5 billion tons (2016 numbers) of waste is generated every year. Looking at the construction industry in particular, the generated waste in the EU constitutes 924 million tons, corresponding to 36% of all generated waste. The issue is exacerbated by the fact that the yearly generated construction waste keeps increasing.

To reduce the environmental load of the construction industry, resource consumption and waste management practices need to be improved, together with solutions to minimise waste and handle, recycle and reuse the generated waste. The focus of this Special Issue is, therefore, the improvement of construction waste management. This will include a focus on the traditional means of managing waste in construction projects. Moreover, it will include a focus on the initiatives aimed at reducing wasted resources and reducing waste in general, as well as reusing waste and developing circular solutions. The Special Issue also focuses on approaches to training and educating participants in the construction industry on how to manage waste, as well as waste behavior.





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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

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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