



Sustainability and Applications of Materials in Civil Engineering and Building

Guest Editors:

Dr. Christian Paglia

Dr. Cristina Mosca

Dr. Carol Monticelli

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Message from the Guest Editors

The sustainability of the construction field involves numerous aspects related to the durability and the contamination of building materials as well as the life cycle and the environmental impacts. The reuse/recycling of materials in the civil engineering and building sectors became an important concern in recent decades. The enormous production of inert material waste during construction, such as for instance tunnel break aggregates or excavation as well as the demolition of built infrastructures triggers new findings and possibilities to recycle the mass. Many types of inert waste are considered in the building sector, such as recycled concrete aggregates, milled asphalt granulates, quarry debris, cementitious dusts, various type of ashes or alternative cementitious binder in substitution of Portland cement. The issue addresses researchers as well as construction companies, engineers, architects and specialists that deal with durability and recycled or re-used construction materials. The scope would be to gather the actual and most recent developments and knowledge related to the recycling and the mechanical as well as the durability properties of these new material mixes.





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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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