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Recent Discoveries in Construction Materials—towards a Sustainable Future

Guest Editor:

Dr. Didier Snoeck
Building, Architecture & Town planning (BATir), Université libre de Bruxelles, 1050 Brussels, Belgium

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Message from the Guest Editor

The building industry is continuously evolving towards a better and brighter future with more sustainable building materials. Durability and sustainability are, therefore, important factors for limiting the environmental impact of construction materials and structures, especially in light of the European Green Deal in Horizon Europe and the Sustainable Development Goals from the UN. These recent discoveries are the subject of this Special Issue, to build a sustainable future for years to come using all resources as efficiently as possible. The building materials for the future should have long service lives and low life-cycle costs, and be safe, reliable and resilient. The maintenance required during their lifetimes should be as little as possible, in order to limit the production of additional materials used for repair. Another focus will be thermal comfort, increasing energy efficiency, reducing the impact on the surrounding environment and leading to a more comfortable and healthier living space. Recent discoveries in construction materials are leading towards a sustainable future.

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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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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materials@mdpi.com
𝕏@Materials_Mdpi