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Research and Development of Building Materials Based on Industrial Waste

Guest Editor:

Dr. Vojtěch Václavík
VSB—Technical University of Ostrava Faculty of Mining and Geology, Department of Environmental Engineering, 70833 Ostrava, Czech Republic

Deadline for manuscript submissions:
closed (20 June 2023)

Message from the Guest Editor

Dear Colleagues,

This Special Issue is focused on the preparation and description of the properties of new building materials on the basis of industrial waste to be used in practice in civil engineering. The use of these waste materials in the form of filler or as a partial replacement of the binder in the design of new building composites is a key tool for updating the policy concerning secondary raw materials for different developed countries, the objective of which is to increase the self-sufficiency in raw materials by replacing primary sources with secondary raw materials (treated industrial waste). The secondary raw materials used for the research and development of new building materials include blast furnace granulated slag, steel slag, fly ash, recycled rubber, recycled glass, recycled plastic, etc.

For this reason, this Special Issue is an excellent opportunity to present and publish the latest research findings in the field of building materials prepared on the basis of industrial waste, especially cement composites and their properties (physical, mechanical, deformable, durability, structure, etc.).

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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

Tel: +41 61 683 77 34
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