

## Special Issue

# Research and Development of Building Materials Based on Industrial Waste

### Message from the Guest Editor

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.).

### Guest Editor

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### Deadline for manuscript submissions

closed (20 June 2023)



## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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