Special Issue

Industrial Solid Wastes for Construction and Building Materials—Second Edition

Message from the Guest Editors

This Special Issue will focus on the utilization of industrial solid waste in construction and building materials, present technologies that aim to reduce the impact of waste on the environment, and assess the sustainable use of waste in society. It will also address the preparation of building materials using industrial solid waste as the main raw material, as well as the development of green production processes that can be employed in the fields of construction, environmental protection, energy storage, etc.The scope of this Special Issue includes, but is not limited to, the following topics:

- Cement, concrete, ceramics, bituminous materials, wall materials, road materials, bricks, mortars, additives, recycled materials, composite materials, and new building materials;
- Porous materials (light weight, sound insulation, and heat insulation);
- Energy storage materials;
- The application of intellectualization in solid-waste-based building materials, industrial solid waste in building materials, advanced methods and techniques in solid-waste-based building materials.
- The life cycle assessment of building 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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