Special Issue

Recycling and Development of New Building Materials or Products (Second Volume)

Message from the Guest Editor

Modern design techniques and construction technologies are based on effective materials and structures that allow the efficient use of natural resources and reuse of waste products. Extensive research has been carried out in order to develop effective sustainable approaches that yield a balance between the construction industry and surrounding environment. One of the ways for achieving environmentally friendly construction is reusing waste products. Proper approaches for reusing waste products in the construction industry should also consider suitable energy effective technologies. Developing modern design methodologies, allowing the optimal use of natural resources and reusing waste products in the construction industry have high importance all over the world.

The purpose of this call for papers is to exchange recent scientific achievements related to the reuse of various wastes as raw materials in the Special Issue entitled Recycling and Development of New Building Materials or Products (Second Volume).

Researchers are invited to share their knowledge on the design of effective ecologically friendly construction materials or products that can be used in construction.

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2025)

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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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