Special Issue

Recycling and Development of New Building Materials or Products

Message from the Guest Editor

Modern construction technologies incorporate new materials and design technologies that allow efficient use of raw materials and reuse of waste products. Recently, increasing attention has been focused on efforts toward developing sustainable approaches that allow achieving a balance between the natural and built environment. The latter should correspond to human development, considering ecological requirements. From this viewpoint, one of the main solutions for environmentally friendly construction is reuse of waste products. Preferable ways for reusing waste products in building materials should also be based on suitable energy effective technologies. Developing effective design methodologies, allowing optimal use of natural resources, and reusing waste products in construction have great importance all over the world.

The purpose of this call for papers is to exchange recent scientific results related to reuse of various wastes as raw materials for “Recycling and Development of New Building Materials or Products”.

Guest Editor

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Deadline for manuscript submissions

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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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