Special Issue

Silicate Solid Waste Recycling

Message from the Guest Editors

Further comprehensive utilization of industrial silicate solid wastes including red mud, coal gangue, fly ash, slag, and tailings are one of the biggest environment and safety concerns worldwide. At present there are many researchers focusing on this topic, and construction and building materials has been considered as the best way to reuse such a big amount of industry silicate solid wastes. However, the further development of solid waste recycling faces great challenges. There are still many issues which should be further discussed. All progress in these aspects will promote the development of low-carbon solid waste recycling, showing great economic and environmental benefits. The aim of this Special Issue of Materials is to attract articles on new materials and innovative technologies on solid waste recycling in construction and building materials. We welcome original research or review articles with a clear application focus in these areas.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editorial Board

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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