Special Issue

Recent Advance in Industrial Waste Materials Recovery

Message from the Guest Editor

Large quantities of waste materials and by-products are generated from manufacturing processes, service industries and chemical processing industries. As a result, industrial solid waste management has become a major global environmental concern. With increasing awareness about the environment, as well as the scarcity of landfill space and its ever-increasing cost, the use of industrial waste materials and by-products has become an attractive and mandatory alternative to land disposal or inceneration. The high consumption of natural sources, high level of production of industrial wastes and environmental pollution require new solutions for sustainable development. Low-cost and reduced environmental impact technologies have been studied in this research area in recent years, aimed at the recovery and valorization of industrial waste. For this reason, it is my pleasure to invite you to submit a manuscript to this Special Issue: full papers, communications and reviews are welcome, aiming to propose technological solutions and to consider the recovery of industrial waste materials a null problem in the future of the global community.

Guest Editor

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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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