

Special Issue

New Geopolymers Used in Civil Engineering

Message from the Guest Editor

Turning waste into resources is key to a circular economy. The need for proper waste management was defined by the EU in the document Roadmap to a Resource Efficient Europe (EU COM 2011) and was additionally underlined in the last few years by the introduction of the concept of the circular economy by the European Commission (EC), initially in 2014, "Towards a circular economy: a zero-waste program for Europe" (EU COM 2014), and next in 2015, "Closing the loop: an EU action plan for the Circular Economy" (EU COM 2015). The term "waste valorisation" refers to any industrial processing activities that aim to reuse, recycle, or compost waste, thus converting it into valuable products or resources of energy. It usually takes the form of one of the following activities: the processing of residue or by-products into raw materials, the use of discarded finished or semi-finished products as raw materials or energy resources, the use of waste materials in manufacturing process stages, and the addition of waste materials to finished products. Prof. Dr. Petrică Vizureanu

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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