Special Issue

Recycling Pavements Materials

Message from the Guest Editors

Traffic volumes of heavy vehicles have increased as a consequence of high freight transport, worsening the deterioration of our road infrastructure. The consequent maintenance often involves the consumption of non-renewable raw materials, such as stone aggregates and bitumen, also producing large quantities of resulting materials that have a strong impact on environmental pollution. For this reason, it is important to recycle materials and to study ways to reuse them. In the EU only, the recovery material coming yearly from the demolition of the road pavements amounts to several million tons, and its reuse rate is quite low. This important Special Issue aims to define how recycled materials are reused, thus reducing emissions harmful to the environment. It also deals with how to reduce the use of virgin raw materials and the necessity of a sharp decrease in the use of landfill areas. This Special Issue presents the latest research progress in this field, also highlighting the favorable quality characteristics that these materials give to road pavements.

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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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