Special Issue

Asphalt Road Paving Materials

Message from the Guest Editor

Asphalt is the basic material for making structural layers of pavements. Today, asphalt is one of the most recycled materials. Reclaimed asphalt pavement, derived from reconstruction or resurfacing of existing roads, is reused in new asphalt mixtures. Cold recycling technologies and low-temperature asphalt technology are being implemented, thus, conforming to sustainable development policies. Research on asphalt modification with various types of modifiers, including low-viscosity materials, and the implementation of new asphalt types cannot be overestimated. The need to accurately determine asphalt properties forces the development of new testing methods. New testing methods are being applied for identifying structural and rheological properties of asphalt mixtures to ensure the long service life of pavements. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcomed.

Keywords

- asphalt materials
- bitumen
- rheology
- performance evaluation

Guest Editor

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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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