Special Issue

Asphalt Road Paving Materials (Second Volume)

Message from the Guest Editor

Asphalt is the basic material for making structural layers of pavements. Although it was known and applied in ancient times for road construction, it was not until the twentieth century that the dynamic development of asphalt technologies commenced.

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. Lower asphalt mixing and paving temperatures minimize emissions and improve working conditions for workers, while quiet pavement technologies provide traffic noise reductions.

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.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcomed.

Guest Editor

Prof. Dr. Marek Iwański
Department of Transportation Engineering, Faculty of Civil Engineering and Architecture, Kielce University of Technology, Al. Tysiąclecia Państwa Polskiego 7, 25-314 Kielce, Poland

Deadline for manuscript submissions

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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