







an Open Access Journal by MDPI

Design, Application and Performance Improvement of Pavement Materials

Guest Editors:

Dr. Jean Pascal Bilodeau

Department of Civil and Water Engineering, Université Laval, Laval, QC, Canada

Dr. Junyan Yi

School of Transportation Science and Engineering, Harbin Institute of Technology, Harbin, China

Prof. Alan Carter

Department of Construction Engineering, École de Technologie Superieure, 1100 Notre-Dame Street West, Montréal, QC H3C 1K3, Canada

Deadline for manuscript submissions:

20 July 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Materials* (MDPI) on the design, application and performance improvement of pavement materials aims at providing researchers and scientists with a unique and rewarding opportunity to introduce new and emerging ideas associated with this topic. With the fast-paced evolution of technologies and in the context of evergrowing complexity of technical challenges in pavement engineering, it is crucial to gather state-of-the-art knowledge. Researchers and scientists of the pavement engineering and materials fields are therefore invited to submit original contributions related, but not limited, to areas such as sustainability, recycling, emerging or smart materials, mix design and durability, and methods for design and construction













an Open Access Journal by MDPI

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, OC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

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