



an Open Access Journal by MDPI

Advancements in Materials for Bridge Deck Pavement Construction and Rehabilitation

Guest Editors:

Dr. Zhendong Qian

Intelligent Transport System Research Center, Southeast University, Nanjing 210096, China

Dr. Leilei Chen

Intelligent Transportation System Research Center, Southeast University, Nanjing 211189, China

Deadline for manuscript submissions: **31 December 2024**

Message from the Guest Editors

Dear Colleagues,

Submissions are sought for the upcoming Special Issue titled "Advancements in Materials for Bridge Deck Pavement Construction and Rehabilitation," focusing on innovative solutions for the unique challenges faced by bridge deck pavements. These pavements, essential for structural integrity and safety, especially in long-span bridges, are exposed to distinctive stress distributions that demand enhanced durability and performance through novel materials and advanced techniques.

This issue aims to feature original research, technical insights, and case studies in areas such as durable paving materials, interlayer bonding advancements, and state-of-the-art maintenance methods. Rigorous peer review will ensure the publication of high-quality contributions, aimed at enriching the bridge construction and maintenance community's knowledge and practices.

Specialsue



mdpi.com/si/201941





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

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

Message from the Editor-in-Chief

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

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 - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials_Mdpi