

Special Issue

Advancements in Materials for Bridge Deck Pavement Construction and Rehabilitation

Message from the Guest Editors

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.

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

closed (31 December 2024)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/201941

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

[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)





Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)



About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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 and Metallurgical Engineering) /
CiteScore - Q1 (Condensed Matter Physics)