Special Issue

Sustainable Asphalt Pavements: Materials, Design Methods, and Characterization Techniques

Message from the Guest Editor

The construction of road asphalt pavements complying with global sustainability targets represents a major challenge for current and future generations of pavement designers and asphalt technologists. This Special Issue “Sustainable Asphalt Pavements: Materials, Design Methods, and Characterization Techniques” will address recent and relevant advances in this crucial research area. Its aim is to collect original contributions dealing with the development of sustainable asphalt materials and technologies on the one hand, and the use of reliable models, characterization techniques, and evaluation tools (including LCCA and LCA) to measure pavement sustainability on the other. Research papers, reviews, and case studies aiming at bridging the gap between the state-of-the-art and current practices are welcome.

Guest Editor

Prof. Dr. Orazio Baglieri

Department of Environmental, Land and Infrastructure Engineering, Politecnico di Torino, 24 Corso Duca degli Abruzzi, 10129 Torino, Italy

Deadline for manuscript submissions

closed (20 November 2021)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/51196

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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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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