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Novel Materials and Technologies for the Urban Roads of the Future

Guest Editors:

Dr. Cesare Sangiorgi

Department of Civil, Chemical, Environmental, and Materials Engineering, University of Bologna, 40131 Bologna, Italy

Prof. Dr. Daniel Fresno Castro

GITECO Research Group, University of Cantabria, Santander, Spain

Dr. Piergiorgio Tataranni

Department of Civil, Chemical, Environmental and Materials Engineering, University of Bologna, 40131 Bologna, Italy

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Message from the Guest Editors

Growing unsustainable urbanization and intensified land-use are generating new urban scenarios for the built environment and causing the urgent need for novel and synergic approaches to the design, construction, and maintenance of existing and new urban road pavements. The development of sustainable, durable, smart, and functional materials is the new challenge that researchers all over the world are facing in order to tackle the aforementioned needs. Paving solutions for the urban roads of the future must have consistent properties, balancing the production and maintenance costs, as suggested by the circular economy concept, without jeopardizing the service performances. This Special Issue will present the latest trends of research in the pavement engineering sector, focusing on the development of innovative materials and technologies for the conception of a new urban environment. The editors welcome the submission of high-quality research, technical papers, review contributions, and case histories on laboratory and in-situ applications.



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Special Issue



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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

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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