Special Issue

Novel Materials and Technologies for the Urban Roads of the Future

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.

Guest Editors

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Message from the Editor-in-Chief

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.

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