Special Issue

Novel Construction Materials for Sustainable Pavements

Message from the Guest Editor

The Special Issue, “Novel Construction Materials for Sustainable Pavements”, will address advances in novel pavement materials which can contribute toward economical, long-lasting, environmentally-friendly, and climate-adaptive roads. The use of recycled materials can be an alternative solution to depleting natural resources and could lead to more economical and environmentally-friendly pavement construction. Traditional/marginal materials and weak subgrades can be stabilised using novel additives and reinforcement techniques to achieve superior performance and properties so that the required pavement thickness can be significantly reduced to achieve economical, long-lasting, climate-adaptive roads. Articles and reviews dealing with the processing, characterisation, and properties of performances of novel pavement materials, techniques for incorporating them into design and construction of future pavements, and quantifications of economical, environmental, and climate-adaptive benefits of the novel materials are very welcome.

Guest Editor

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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.

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