Special Issue

Urban Pavement Design and Road Sustainability

Message from the Guest Editors

One strategy to reduce the negative environmental impact caused by human actions is to follow the development and deployment of environmentally friendly technologies and policies in order to reduce their environmental impact and associated energy consumption. The above sustainable approach is applicable to the design of road pavements, especially in the urban area, characterized by settlement areas with different functions, for each of which it would be possible to identify the best technology. The choice would be executed with a strategy that considers the economic onerousness and focuses attention on the environmental impact of the work during the entire cycle of life, from the extraction of the raw materials to the dismission of the engineering work. The identification of innovative solutions, characterized by material production systems with low environmental impact or the design of sustainable road pavement, as well as the replacement of existing surface layers, are actions aimed at mitigating the ongoing climate change. We look forward to your contribution.

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