

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 dismissal 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.

Guest Editors

Dr. Laura Moretti

Department of Civil, Building and Environmental Engineering, Sapienza University of Rome, 00184 Rome, Italy

Dr. Paolo Peluso

Department of Civil Building and Environmental Engineering, Sapienza University of Rome, 00185 Rome, Italy

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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