

Special Issue

Advances in Materials and Recycling Technologies for Sustainable Road Pavements

Message from the Guest Editors

Recycling applied to asphalt pavement is extremely topical and is gaining even more interest because of growing attention about environmental preservation and sustainability. In fact, recycling implies tangible benefits connected to the saving of natural resources and the reduction in wastes disposal; it also allows a secondary life to by-products, thus limiting the costs associated with the construction. Recycling on road pavements, in particular within asphalt concretes, is a well-known practice that has already been debated for decades; however, this area still requires further scientific study in view of the new challenges brought by the recent technological applications on roads and linked to related in-service issues (traffic increase, heavier vehicles, climate changes, etc.). The aim of this Special Issue is to present an analysis of innovative recycling techniques and materials to design and construct sustainable road pavements.

Guest Editors

Dr. Giovanni Giacomello

Department of Civil, Environmental and Architectural Engineering,
University of Padova, Padova, Italy

Dr. Andrea Baliello

Department of Civil, Environmental and Architectural Engineering,
University of Padova, Padova, Italy

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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Editor-in-Chief

Prof. Dr. Martin Cyr
LMDC, INSA/UPS Civil Engineering, University Toulouse III, Toulouse,
France

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