



Achievements and Prospects of Functional Pavement: Materials and Structures

Guest Editors:

Prof. Dr. Jian-long Zheng

School of Traffic and
Transportation Engineering,
Changsha University of Science
and Technology (CSUST),
Changsha 410004, China

Prof. Dr. Zhanping You

Department of Civil and
Environmental Engineering,
Michigan Technological
University, 1400 Townsend Drive,
Houghton, MI 49931-1295, USA

Dr. Xueyan Liu

Section of Pavement
Engineering, Department of
Engineering Structures, Delft
University of Technology, Delft,
The Netherlands

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Message from the Guest Editors

In order to further promote the development of functional pavement technology, summarize the research results of functional pavement, and determine future development directions, this SCI-indexed journal has launched this Special Issue. Topics of interest include (but are not limited to):

1. Green roads

Pavement design and construction technology based on carbon emission; Pavement material can be replaced with application technology; Low noise, low pollution and other low impact road application technology

2. Safety pavement

Design and construction technology of durable drainage pavement; New materials and new technologies for road snow removal; Evaluation and optimization of anti-skid performance of pavement

3. Intelligent roads

Pavement state intelligent monitoring technology; Power generation, temperature control, and other functional roads; Pavement intelligent management application technology

4. Durable roads

New theory and new method of durability pavement structure design; Study on decay regularity and prediction model of pavement performance; A new design method for high-performance asphalt surface

Special Issue



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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
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