

## Special Issue

# Analysis and Design of Pavement Structure

### Message from the Guest Editor

The design of a pavement consists of defining a structure that resists and transmits to the subgrade the stresses imposed by traffic. Therefore, the design and structural analysis phase requires knowledge of the characteristics of the materials and their behavior in relation to the application of loads and the climate, as well as the performance of numerical and statistical simulation. The purpose of the Special Issue, entitled "Analysis and Design of Pavement Structure", is to cover topics related to the structural design and analysis of pavement systems, considering current and future issues. It aims to offer a platform for the publication of research of immediate interest on the following potential topics: design and modeling of pavement behavior and performance; structural evaluation; stress/strain and thermal characterization and/or calculation; climate effects in numerical and analytical modelling; advanced analytical and computational techniques; novel design approaches and their implementation; bound and unbound pavement performance. In addition to road infrastructure, contributions related to airport and port pavements are also welcome.

### Guest Editor

Dr. Joao Victor Staub De Melo

Department of Civil Engineering, Federal University of Santa Catarina, Florianópolis 88040-970, SC, Brazil

### Deadline for manuscript submissions

closed (20 July 2024)



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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### 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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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