



Analysis and Design of Pavement Structure

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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