Special Issue

Nanomaterials and Other Additives to Enhance Asphalt Pavement Performance

Message from the Guest Editors

We are inviting you to contribute to this Special Issue, which will serve as a source of information on the latest progress regarding the performance and durability of special modified asphalt binders and mixtures as well as untreated (and treated) granular layers of flexible pavements prepared to withstand the burden of future climatic changes. Potential topics include, but are not limited to:

- Nanomaterials and other additives suitable for asphalt binder modification
- The use of recycled materials and byproducts in flexible pavement layers toward a more sustainable future for construction
- Characterization and mechanical performance of modified asphalt mixtures with or without the use of recycled materials and byproducts
- Evaluation of aging of modified asphalt binders and mixtures
- New techniques to enhance the performance and durability of granular layers
- Life cycle assessment of modified asphalt pavements with or without the use of recycled materials and byproducts
- Life cycle assessment of modified asphalt special conceived to address climatic changes
- Let us come together to publish a significant resource for work on this subject.

Guest Editors

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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.

Editor-in-Chief

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