



Advances in Bridge Design and Construction: Technologies and Applications

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Message from the Guest Editors

Bridges are critical elements of transportation networks, which, in turn, play a crucial role in the development of communities, cities and nations. Throughout human history, the design and construction of bridges represented the level of technological development of countries and have been part of their pride. With the Industrial Revolution and especially after the Second World War, the construction of bridges experienced a blatant boom in all industrial countries.

To meet the aforementioned needs and properly design and build a new generation of bridges, researchers worldwide are working hard at developing innovative technologies and materials that make it possible to have high-performance and durable bridges with full respect for the environment.

This Special Issue calls on researchers and practicing engineers to propose genuine articles covering the different aspects of recent advances and future perspectives in the design, rehabilitation and construction of bridges of the future. Case studies and reviews of innovative practices are also welcome.





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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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