



Bridge Dynamic Monitoring and Measurement

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Message from the Guest Editors

All over the world, bridges have a strategic importance in the life of communities. Unfortunately, as with many other infrastructures, bridges have too often almost reached the end of their structural life, have been poorly maintained, or are currently subjected to loads much higher than those for which they were designed and built.

Today, the availability of new sensors and new materials, new dynamic methods of computerized analysis, and new data transmission systems instead allows the constant monitoring of a civil infrastructure.

In order to establish the state of the art on evaluating the structural health of bridges and to identify new challenges for the near future, we invite the publication of research results in this Special Issue in each of the following fields: computational mechanics, geomatics, new materials (particularly self-monitoring ones), and the use of IoT technologies.





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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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