Special Issue

Innovative Applications of Artificial Intelligence in Concrete and Steel Structures

Message from the Guest Editors

Evaluating the response of concrete and steel structures requires a host of large-scale, in situ experimental investigations, which are time consuming and require the investment of considerable financial resources. Presently, the application of innovative methods such as the implementation of artificial intelligence has laid the groundwork for analyzing and evaluating the behavior of steel and concrete structures as a cost-effective solution in a relatively short period of time. Accordingly, this Special Issue will cover novel studies on applications of artificial intelligence in civil engineering to predict the response of structures subjected to static and dynamic loads.

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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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