Soft Computing Techniques in Structural Engineering and Materials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

During the last three decades, nonconventional methods have become an important class of efficient tools, providing solutions to complicated engineering problems. Among these methods, soft computing has to be mentioned as one of the most eminent approaches. Neural networks (NNs), fuzzy logic, and evolutionary algorithms are the most popular soft-computing techniques.

The focus of this Special Issue is on nondeterministic computational methods for the modeling of structural engineering and materials problems. Articles submitted to this Special Issue can also be concerned with the most significant recent developments in computational methods and their applications in structural engineering and materials problems. We invite researchers to contribute original research articles, as well as review articles, that will stimulate the continuing research effort on applications of the soft computing approaches to model structural engineering and materials problems.

Prof. Dr. Panagiotis G. Asteris
Guest Editor

Special Issue

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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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