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Novel Hybrid Intelligence Techniques in Engineering

Guest Editors:

Message from the Guest Editors

Dr. Danial Jahed Armaghani

Dear Colleagues,

Prof. Dr. Yixia Zhang

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Prof. Dr. Ahmed El-Shafie

Dr. Aydin Azizi

Deadline for manuscript submissions:

closed (31 December 2022)

This Special Issue is devoted to the application of novel hybrid intelligence technologies in various engineering research fields. Artificial intelligence techniques perform automatic creation of analytical models that recognize patterns and make decisions without human interventions. Such techniques, due to creating complex relationships between dependent and independent variables, can be implemented in different areas of engineering.

The focus of this Special Issue is on the development of novel hybrid intelligence techniques for solving regression, classification, and time series problems. We invite researchers to contribute original research articles that will stimulate the continuing research effort on applications of novel hybrid intelligence techniques to assess/solve engineering problems. In addition, state-of-the-art research reports, reviews, and critical evaluations of hybrid intelligence techniques/algorithms are most welcome.

Dr. Danial Jahed Armaghani

Dr. Yixia Zhang Dr. Pijush Samui

Prof. Dr. Ahmed Hussein Kamel Ahmed Elshafie

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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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