Special Issue

Recent Applications of Fuzzy Systems in Applied Science and Engineering

Message from the Guest Editor

In the fields of image processing and pattern recognition, a great number of different techniques have been investigated, developed, and implemented in the last years. Researchers from all over the world have made many contributions to the development of improved methodologies for solving difficult problems in these fields. The fuzzy system approach has been of increasing interest to many scientists because it has the potential to open up a new area of research and problem solving. The interest in using fuzzy algorithms arises because fuzzy rules have been found to be naturally effective for any human-like cognition systems such as image understanding and pattern recognition. Additionally, fuzzy set theory provides a good platform for dealing with noisy and imprecise information which is often encountered in our daily life, and is relevant to the problems of the formulation of tasks under different types of uncertainty.

Guest Editor

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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.

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