

Special Issue

Research and Application of Artificial Neural Networks and Fuzzy Cognitive Maps

Message from the Guest Editor

It is our pleasure to announce a new Special Issue “Research and Application of Artificial Neural Networks and Fuzzy Cognitive Maps” of the journal *Applied Sciences*. This Special Issue aims to present new scientific achievements in the field of novel models and applications of artificial neural networks, fuzzy cognitive maps and optimization algorithms, deployed case studies, experimental research, or state-of-the-art reviews. This Special Issue will publish high-quality, original research papers articles and critical reviews on topics related (but not limited) to the following:

- Artificial neural networks;
- Fuzzy cognitive maps;
- Recurrent neural networks;
- Large language models;
- Convolutional neural networks;
- Explainable neural networks;
- Hybrid models;
- Deep learning;
- Supervised learning;
- Unsupervised learning;
- Reinforcement learning;
- Evolutionary algorithms;
- Time series prediction;
- Text data classification;
- Image classification;
- Decision support systems;
- Natural language processing.

Guest Editor

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
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