



Intelligent Systems Applications to Multiple Domains Based on Innovative Signal and Image Processing

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Message from the Guest Editors

Dear Colleagues,

Nowadays, intelligent systems are largely being applied in multiple domains. The role of intelligent systems in dynamic contexts becomes crucial and mandatory, with the signal processing step acting as the starting point for many applications, including smart image/video processing, intelligent parameter monitoring, or high-level evaluations of complex events for applications in Industry 4.0, agriculture, medicine, life science, environmental analysis, and others.

The main purpose of this Special Issue is to collect innovative contributions in the field of signal and image processing (e.g., computer vision systems, new algorithms, or machine/deep learning applications), ranging from new methodologies to innovative approaches in different domains. Particular emphasis should be given to the application of deep learning techniques to solve common issues known in the literature as well as innovative best practices.

Topics of interest include, but are not limited to:

- Industry 4.0
- Marine biology
- Environmental analysis
- Smart agriculture
- Life science
- Medicine





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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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