Special Issue

Deep Learning and Machine Learning for Unmanned Equipment

Message from the Guest Editors

Multiple sensors have been applied in unmanned equipment—for example, intelligent vision and autonomous navigation—for which sensor data fusion is the key issue. Many theories, methods and techniques have been developed in recent years. Deep learning and meta-heuristic optimization may promote applications of machine learning for image and speech recognition. However, it is necessary that these methods are further studied for data fusion and analysis. This Special Issue discusses the relative design and analysis of learning networks and algorithms of deep learning for multisensor data fusion with applications of unmanned equipment. The topics of interest for publications include but not limited to:

- Multisensor fusion theory.
- Deep learning networks for multisensor
- Machine learning for multisensor
- Sensor signal processing for unmanned equipment.

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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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