Intelligent Computing and Remote Sensing

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Message from the Guest Editors

Recently, we have been witnessing an urgent need for intelligent computing to solve the challenging problems in the remote sensing field. These problems include but are not limited to computational intelligence for remote sensing image processing and image understanding, on-board or on-orbit intelligent information processing, remote sensing big data analysis, and intelligent computing methods for UAV systems. Therefore, it is necessary to establish a Special Issue for colleagues to communicate intelligent computing for remote sensing research.

In this Special Issue, we invite submissions exploring cutting-edge research and recent advances in the fields of intelligent computing and remote sensing. Both theoretical and application studies are welcome, as well as comprehensive review and survey papers.

Keywords

- deep learning
- on-orbit/on-board real-time computing
- advanced image processing
- remote sensing big data
- UAV information intelligent computing
- radar information intelligent computing
- information fusion
- video imaging satellite intelligent computing

Special Issue

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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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