

Special Issue

Intelligent Computing and Remote Sensing

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

Guest Editors

Dr. Qizhi Xu
Dr. Jin Zheng
Dr. Feng Gao

Deadline for manuscript submissions

closed (30 November 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/104308

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)