

## Special Issue

# Smart Image Recognition and Detection Sensors

### Message from the Guest Editors

The rapid advance of smart image recognition has brought new chances of development for remote sensing and earth observation technology. The development of sensor technology also brought more and more ways to obtain remote sensing data, especially very high-resolution images. With the growing overwhelming amount of data, more automatic and accurate algorithms are needed to interpret images. In the last decade, the development of deep learning has provided a new way for smart image processing. Therefore, the application of deep learning based smart image processing in remote sensing has a very broad prospect. This special issue aims to share the latest advances in smart image recognition related to remote sensing. Researches with innovative methods are very welcome. We especially encourage the use of freely available remote sensing data and open-source processing software, as it helps to conduct analysis anywhere in the world and promotes data equality. The data and code are recommended to be uploaded as supplementary material and shared to the public. Review papers will also be considered.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2025)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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