

Special Issue

Artificial Intelligence-Based Target Recognition and Remote Sensing Data Processing

Message from the Guest Editors

In recent decades, the remote sensing community has gathered an unprecedented amount of data, which is boosting the development of an increasing number of artificial intelligence (AI)-based applications for monitoring environments and data analysis in military and civilian domains. Leveraging this wealth of data, researchers have increasingly turned to advanced AI techniques to enhance target recognition and process remote sensing data effectively.

This Special Issue aims to gather cutting-edge research and innovative methodologies in the field of target recognition, with a particular emphasis on the combination of AI and remote sensing applications. This issue naturally covers a broad range of topics on theoretical, application-oriented, and experimental studies in remote sensing and AI-based target recognition.

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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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