Special Issue

Recent Advances in Infrared Target Detection

Message from the Guest Editors

This Special Issue aims to collect submissions in infrared target object detection, identification, and tracking, including theoretical, methodological papers, and technical application studies, to present the latest advancements and research findings in multi-band, multi-dimensional, and multi-scale infrared target detection.

- Detection and identification of infrared target objects for urban and infrastructure monitoring;
- Detection and identification of infrared target objects for agricultural monitoring;
- Detection, tracking, and identification of infrared target objects for security applications;
- Detection, tracking, and identification of infrared target objects for environmental monitoring;
- Infrared datasets for target object detection and identification;
- Calibration technology for infrared remote sensors;
- Infrared multispectral/hyperspectral target detection;
- Multi-sensor (spatiotemporal and multimodal) data fusion for target object detection and identification;
- Methods, algorithms, and theoretical models for target object detection, tracking, and identification.

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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