# Special Issue

# Remote Sensing of Target Object Detection and Identification (Third Edition)

## Message from the Guest Editor

This Special Issue aims to collect contributions in the abovementioned fields, including papers on theoretical/methodological and technological applications. It invites topics associated with (but not limited to) the following areas:

- Target object detection and identification for urban and infrastructure monitoring;
- Target object detection and identification for agricultural monitoring;
- Target object detection, tracking, and identification for security and military applications;
- Target object detection, tracking, and identification for the environmental monitoring of the sea;
- Optical, infrared, and multispectral datasets for target object detection and identification;
- Multi-sensor (spatio-temporal, spatio-spectral, and multimodal) data fusion for target object detection and identification;
- Methods, algorithms, and theoretical models for target object detection, tracking, and identification;
- Machine learning and deep learning approaches for target object detection, tracking, and identification.

## Guest Editor

Dr. Paolo Tripicchio

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## Deadline for manuscript submissions

31 December 2025

# 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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