Special Issue

Small Target Detection, Recognition, and Tracking in Remote Sensing

Message from the Guest Editors

This Special Issue aims to advance the state-of-the-art in different modal approaches for small target applications in remote sensing. We seek to foster innovative research that addresses theoretical foundations, algorithmic developments, system implementations, and practical applications. The scope aligns perfectly with *Remote Sensing*'s mission to disseminate cutting-edge research in Earth observation and imaging technologies, promoting interdisciplinary collaboration and technological innovation in the field of remote sensing image processing. **Suggested themes** include novel single-modal and multi-modal fusion architectures and deep learning approaches; heterogeneous sensor integration strategies; multi-scale and multi-temporal fusion methodologies; real-time processing algorithms and hardware implementations; performance evaluation metrics and benchmark datasets; applications in maritime surveillance, urban monitoring, and disaster response; robustness analysis under challenging conditions; and integration with emerging technologies such as AI and edge computing. Article types welcomed include original research articles, comprehensive reviews, technical notes, and case studies.

Guest Editors

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Message from the Editorial Board

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.

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