



*remote sensing*



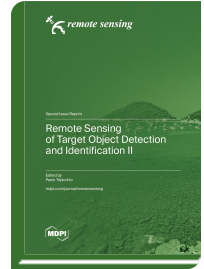
*Special Issue Reprint*

## **Remote Sensing of Target Object Detection and Identification II**

[www.mdpi.com/books/reprint/9888](http://www.mdpi.com/books/reprint/9888)

ISBN 978-3-7258-2119-8 (Hardback)

ISBN 978-3-7258-2120-4 (PDF)



The articles belonging to this Special Issue provide a comprehensive overview of the advancements, challenges, and future trends in object detection and tracking, with a particular emphasis on remote sensing applications. They discuss a wide range of topics, including different types of targets (e.g., ships, small targets), imaging modalities (e.g., optical, SAR, infrared), image processing techniques, and deep learning algorithms.

In the first group of articles, different aspects of ship detection in remote sensing images, including challenges, advancements, and datasets, are discussed. These sources specifically focus on ship detection in SAR images, which poses unique challenges due to the presence of speckle noise and the need for robust algorithms that can handle different ship sizes and orientations. The second group addresses the problem of detecting small targets in infrared images, which is a complex task due to the small size of the targets, low contrast with the background, and the presence of noise and clutter. The third group focuses on target tracking in image sequences, which involves estimating the trajectory of a target over time.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/9888](http://www.mdpi.com/books/reprint/9888)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



## Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



## Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



## High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



## High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



## Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.