



## Remote Sensing of Target Detection in Marine Environment

Guest Editors:

**Dr. Ferdinando Nunziata**

Dipartimento di Ingegneria,  
Università di Napoli Parthenope,  
80133 Napoli, NA, Italy

**Dr. Armando Marino**

The University of Stirling, Natural  
Sciences, Stirling FK9 4LA, UK

**Dr. Domenico Velotto**

Maritime Safety and Security Lab,  
Remote Sensing Technology  
Institute, German Aerospace  
Center (DLR), 28199 Bremen,  
Germany

Deadline for manuscript  
submissions:

**closed (28 February 2019)**

### Message from the Guest Editors

Dear Colleagues,

Remote sensing of marine targets is a hot topic because of its important marine and maritime applications. Remote sensing technology and, in particular, the Synthetic Aperture Radar (SAR) provides a unique advantage in the detection and recognition of marine targets, which can provide fast and accurate information for the maritime traffic monitoring, fishery monitoring, emergency rescue, access monitoring and integrated coastal area management. Nowadays, the large availability of SAR imagery collected using different platforms and acquisition mode, requires the definition of new techniques and algorithms to detect targets in SAR imagery in an effective way. In fact, although there is a great deal of literature that concerns SAR methods to detect target at sea, there is still room for improvements to both models and methods.

This Special issue is meant to provide a reference of SAR methods to detect targets at sea, as well as to boost new methods and techniques.

Dr. Ferdinando Nunziata

Dr. Armando Marino

Dr. Domenico Velotto

Guest Editors





an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.  
Geological Survey (USGS), USGS  
Western Geographic Science  
Center (WGSC), 2255, N. Gemini  
Dr., Flagstaff, AZ 86001, USA

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

**Journal Rank:** JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

## Contact Us

---

*Remote Sensing* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)