



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

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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

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Editor-in-Chief

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Dr., Flagstaff, AZ 86001, USA

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Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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