



Remote Sensing of Target Detection in Marine Environment

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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.

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