



Added-Value SAR Products for the Observation of Coastal Areas

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Message from the Guest Editors

Dear Colleagues,

Coastal regions represent extremely important areas for the economy, environment and social life. Coastal anthropogenic activities such as shipping, resource exploration and extraction, tourism, renewable energy are of paramount importance for human life while putting pressure on local ecosystems that need to be preserved.

In this Special Issue, although the exploitation of SAR measurements for the observation of coastal areas is a well-established methodology, we are seeking the latest research advancements on related topics, including innovative methods, improved models and analysis tools and new added-value products. Hence, the topics of this Special Issue include, but are not limited to, the following subjects:

- Land use/land cover classification;
- Extraction and analysis of the coastal profile;
- Monitoring of anthropogenic targets and critical infrastructures as oil/gas fields, harbors, ships, offshore wind farms, aquaculture, plastic litter;
- Estimation of sea wind field;
- Detection of natural targets as icebergs, algal blooms, oil spills, mangroves;
- Modeling and retrieval of geophysical parameters.





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Message from the Editor-in-Chief

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