

Special Issue

Added-Value SAR Products for the Observation of Coastal Areas

Message from the Guest Editors

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.

Guest Editors

Dr. Andrea Buono

Prof. Dr. Weizeng Shao

Dr. Carina Regina de Macedo

Deadline for manuscript submissions

closed (15 December 2022)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/84639

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



About the Journal

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.

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

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)