



## Synthetic Aperture Radar Observations of Marine Coastal Environments

Guest Editors:

**Dr. Martin Gade**

Institut für Meereskunde,  
Universität Hamburg,  
Bundesstraße 53, 20146  
Hamburg, Germany

**Prof. XiaoMing Li**

Key Laboratory of Digital Earth  
Science, Institute of Remote  
Sensing and Digital Earth,  
Chinese Academy of Sciences,  
Beijing 100094, China

**Prof. Dr. Kun-Shan Chen**

College of Geomatics and  
Geoinformation, Guilin University  
of Technology, Guilin 541004,  
China

Deadline for manuscript  
submissions:

**closed (30 November 2020)**



### Message from the Guest Editors

Dear Colleagues,

This Special Issue focusses on the way in which SAR sensors can be used for the surveillance of the marine and coastal environment, and how these sensors can detect and quantify processes and phenomena that are of importance for the local environment, fauna and flora, coastal residents, and local authorities. These processes and phenomena include but are not restricted to the following:

- Surface waves and currents;
- Wind fields;
- Marine pollution;
- Coastal run-off;
- Coastal bathymetry;
- Coastline changes;
- Target detection.

Such processes and phenomena may be observed and studied in coastal areas, but also on the open sea.

We are looking forward to receiving your contribution to this Special Issue on 'Synthetic Aperture Radar Observations of Marine Coastal Environments'.

Dr. Martin Gade  
Prof. Xiao-Ming Li  
Prof. Kun-Shan Chen  
*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, St. Alban-Anlage 66  
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)