



## Remote Sensing Applications in Coastal Environment

Guest Editors:

**Dr. Paweł Terefenko**

Institute of Marine and  
Environmental Sciences,  
University of Szczecin, 70-500  
Szczecin, Poland

**Dr. Jacek Lubczonek**

Institute of Geoinformatics,  
Maritime University of Szczecin,  
70-500 Szczecin, Poland

**Dr. Dominik Paprotny**

Helmholtz Centre Potsdam, GFZ  
German Research Centre for  
Geosciences, Telegrafenberg,  
14473 Potsdam, Germany

Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editors

This Special Issue invites high-quality and innovative scientific papers that advance the science of remote sensing for coastal ecosystems through innovative approaches and novel applications. Articles that explore, evaluate, or implement the use of remote sensing sensors from UAVs through terrestrial scanners to spaceborne equipment within both natural or built coastal environments are welcome. The following topics are particularly encouraged:

#### *Applied topics*

- Coastal storms and floods
- Sea-level rise
- Shoreline erosion
- Demographic and economic growth
- Land cover and use changes
- (Integrated) coastal zone management

#### *Technical and algorithmic advances in*

- coastal modeling
- RS/GIS applications
- airborne and terrestrial LiDAR
- detection of temporal changes

We are looking forward to your submissions.

Dr. Paweł Terefenko

Dr. Jacek Lubczonek

Dr. Dominik Paprotny

*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)