# **Special Issue**

## Remote Sensing in Maritime Navigation and Transportation

## Message from the Guest Editors

Remote sensing technology has emerged as a powerful tool in maritime transportation and navigation, providing capabilities for monitoring, assessing, and enhancing the safety and efficiency of global shipping routes and maritime operations in general. From detecting vessel movement to analysing environmental conditions such as sea state, weather, and potential hazards, remote sensing techniques act not only as means of enhancing maritime operations but as improving these techniques as well. The integration of satellite-based remote sensing systems, such as GNSS (Global Navigation Satellite Systems), SAR (Synthetic Aperture Radar), and multispectral imaging, has, and can further, revolutionise the maritime domain by improving realtime data acquisition, decision-making processes, and navigation and transportation safety. This Special Issue aims to provide a platform for disseminating the latest research and developments in remote sensing as it applies to maritime transportation and navigation, as well as to highlight innovative approaches that leverage remote sensing for enhancing maritime safety, efficiency, and sustainability.

## Guest Editors

Dr. David Brčić

Dr. Mario Bakota

Prof. Dr. Serdjo Kos

Deadline for manuscript submissions 31 August 2025



an Open Access Journal by MDPI

## Impact Factor 4.1 CiteScore 8.6



mdpi.com/si/220326

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

mdpi.com/journal/ remotesensing





an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



MDPI

## 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 peerreview 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)