# Remote Sensing for Maritime Monitoring and Vessel Identification

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Deadline for manuscript submissions:
**closed (31 October 2023)**

## Message from the Guest Editors

The increase in tonnage, and the total number of merchant ships, makes marine traffic surveillance essential for border control, monitoring of illegal activities as well as general security and emergency management. Pattern recognition, image analysis, statistical signal processing, classification, machine learning/deep learning and data science are the enabling technologies to equip detection and location results with the additional information that enables the surveillance authorities to be aware of any possible situation.

The issue aims at studies covering different uses of different sensors and platforms in forest and landscape sciences. Articles may address, but are not limited, to the following topics:

- Platforms
  - Spaceborne, Airborne, Surface and Underwater
- Sensors
  - Optical–panchromatic, multi/hyperspectral, Thermal infrared, Radar and Acoustic
- Data processing
  - Detection and Classification–identification
  - Behavior analysis (speed, bearing, possible anomalies)
  - Tracking and Route prediction
  - Data fusion with auxiliary data from collaborative systems
  - Data fusion with geographical/historical data

Special Issue

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## 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.

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