

Special Issue

Behavioural Characterisation of Resident Space Objects for Space Situational Awareness

Message from the Guest Editors

This Special Issue aims at addressing a wide spectrum of technical issues in space tracking, object detection, orbit/attitude determination, manoeuvring detection and estimation for residential space objects, which connect the fields of measurements, modelling, dynamics for space situational awareness applications. Topics may cover anything from ground tracking capabilities to space-based detection and estimation, from single orbit determination to multiple target tracking, etc. Articles may address, but are not limited, to the following topics:

- Space object detection from optical sensors
- Initial orbit determination and orbit determination
- Intelligent attitude determination and control
- Data aggregation and fusion, e.g., angular/range/doppler measurements
- Robust manoeuvre detection and estimation techniques
- Space tracking and data correlation
- Cislunar space situational awareness

Guest Editors

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Deadline for manuscript submissions

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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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