# Special Issue

# Navigation Positioning, Low Orbit Satellites' Signal of Opportunity and Remote Sensing Applications: Cross Fusion and Innovative Development

### Message from the Guest Editors

This Special Issue, "Navigation Positioning, Low Orbit Satellites' Signal of Opportunity and Remote Sensing Applications: Cross Fusion and Innovative Development", aims to explore the intersection of navigation technology, low orbit satellite signals, and remote sensing applications. It focuses on advancements in the cross-fusion of these technologies, promoting innovative solutions for positioning accuracy, signal utilization, and remote sensing capabilities. The issue covers a range of topics, including but not limited to improved positioning algorithms, novel uses of low-orbit satellite signals, and remote sensing techniques that leverage these technologies. By bridging these fields, we seek to showcase cutting-edge research and foster the development of integrated systems that enhance navigation, imaging, and data acquisition for various applications. This Special Issue welcomes contributions demonstrating innovative practices, theoretical frameworks, and case studies highlighting the synergies between navigation positioning, low-orbit satellites, and remote sensing.

### **Guest Editors**

Dr. Jiajia Chen Dr. Ying Xu

Dr. Ming Gao

### **Deadline for manuscript submissions**

closed (15 August 2025)



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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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