Special Issue

Advances in GNSS Signal Processing and Navigation

Message from the Guest Editors

This Special Issue will highlight the latest technological developments in GNSS signal processing, LEO opportunistic Doppler-aided GNSS positioning, GNSS alternatives, and novel applications. The scope of this Special Issue will be broadly interpreted to include, but not be limited to, the following topics:

- GNSS Signal Processing for Positioning, Navigation, and Timing
- Cybersecurity Framework of GNSS for PNT Services
- Opportunistic PNT with Signals from LEO Communication Satellites and Signal Processing
- Opportunistic PNT with Signals from Terrestrial Radio Frequency Sources and Signal Processing
- Electromagnetic Space Radio Safety and GNSS Signals Monitoring Framework
- GNSS Signal Processing based on Machine Learning, Deep Learning, and Generative Artificial Intelligence
- Artificial Intelligence Applications for GNSS
- GNSS Spoofing Detection and Signals Processing
- GNSS Jamming Detection and Signals Processing
- GNSS Signals Monitoring and Signals Processing
- Passive Radar Signal Processing based on GNSS Signals
- GPS Service for Geodynamics
- GNSS Real-Time Kinematic (RTK) Techniques and Signals Processing

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Deadline for manuscript submissions

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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