Special Issue

Advanced Interference Mitigation Techniques for GNSS-Based Navigation

Message from the Guest Editors

Invited original research contributions can cover a wide range of topics, including but not limited to the following:

- Analysis of the impact of GNSS interference on land, airborne, and marine navigation applications;
- Advanced signal processing and spectral estimation methods for GNSS interference detection and mitigation;
- Case studies and new results on GNSS interference detection and mitigation methods;
- Analysis of the impact of GNSS jamming and spoofing on the operation of autonomous platforms;
- Enhancing the safety and reliability of autonomous systems in the presence of interference;
- Multi-sensor fusion with other sensors and systems (e.g., INS, radars, cameras, LiDAR) for mitigating the impact of GNSS interference.

Guest Editors

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Assoc. Prof. Umar Iqbal

Dr. Haidy Elghamrawy

Deadline for manuscript submissions

closed (1 December 2022)

Sensors

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Impact Factor 3.5
CiteScore 8.2
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mdpi.com/si/62352

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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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