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Advances in GNSS Positioning and GNSS Remote Sensing

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Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

Dear Colleagues,

Scientists and engineers use data from global navigation satellite systems (GNSS) for different tasks: autonomous navigation, transport monitoring, construction, GNSS reflectometry, GNSS ionosphere monitoring, etc. To improve GNSS precision, many devices combine different sensors and GNSS receivers, scientists find ways to make GNSS receivers (and satellites) better, and mathematicians improves navigation solutions. Combining different navigation systems (GPS, GLONASS, Galileo, BeiDou) also helped achieve precise positioning and remote sensing. However, applied tasks require more and more from science in this field.

This Special Issue considers varied solutions and applications to improve GNSS navigation quality, as well as new applications and improvements in GNSS remote sensing. Special attention is devoted to smartphones and low-cost receivers, intellectual data analysis for GNSS, and combining different sensors with GNSS. We consider different types of navigation including single-frequency, dual-frequency, multi-frequency, Real-Time Kinematic (RTK), and Precise Point Positioning navigation.



mdpi.com/si/97116

Special Issue



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Message from the Editor-in-Chief

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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Journal Rank: JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

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