Special Issue

Methods and Applications of Multi-GNSS PNT and Remote Sensing

Message from the Guest Editors

In the last few decades, the rapid development of multi-GNSS, including GPS, GLONASS, BDS, Galileo and QZSS, has promoted the theories, algorithms, applications of GNSS Positioning, Navigation, Timing and Sensing (PNTS). With tens of thousands LEO satellites launched or to be launched in the coming decades, the algorithms and applications using GNSS and LEO have become a hot topic in recent years. The emergence of LEO augmentation overcomes the GNSS's intrinsic limitations, such as weak signal strength, slow geometry change. At the same time, LEO augmentation improves the estimation precision, enlarges the service area, and shortens the convergence time of precise point positioning (PPP). In this Special Issue, We encourage theoretical and application research contributing to the GNSS/LEO high-precision technology in the PNTS area, which includes but not limits, the modeling and strategies in high-precision and real-time multi-GNSS/LEO data processing, RTK, PPP, PPP-RTK, precise time and frequency transfer, GNSS reflectometry and GNSS meteorology.

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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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