

Special Issue

Smartphone-Derived GNSS Measurements Characterization for Precise Positioning and Navigation Applications

Message from the Guest Editor

As claimed in a European Union Agency for the Space Programme report, smartphones are now dominating the installed base of devices equipped with GNSS chipsets. This has encouraged hardware and software manufacturers to equip the new-generation Android devices with high-performance GNSS chips capable of tracking dual-frequency multiconstellation data. This topic is of such interest to the scientific community that the IAG has established the "Reliability of Low-cost & Android GNSS in navigation and geosciences" working group. The aim of the Special Issue is to foster advances in smartphone-derived GNSS measurements for a wide range of practical applications and research studies, including but not limited to:

- The characterization of smartphone-derived GNSS measurements' quality;
- The multipath mitigation of smartphone-derived GNSS measurements;
- The identification and investigation of the anomalies present in smartphone observables;
- The development of novel processing algorithms addressing smartphone GNSS observables characteristics;
- The development of new applications based on GNSS smartphone signals.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2023)



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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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