

Special Issue

Innovative Solutions of GNSS Precise Point Positioning

Message from the Guest Editors

Precise Point Positioning (PPP) based on Global Navigation Satellite Systems (GNSS) provides highly accurate positions, and its adoption is rapidly growing in several applications. The trend of autonomous driving in transportation (automotive, UAVs, maritime, rail, and personal transportation) has increased the need for positioning with centimeter-level accuracy, which cannot be reached with standard GNSS solutions. The modernization of GNSS, the use of multiple constellations, and multiple frequencies reduced the time required by PPP techniques to converge to the desired accuracy level. Research topics of interest include but are not limited to advanced PPP techniques, advanced integer ambiguity resolution, advanced receiver integrity monitoring algorithm, advanced fault detection, and exclusions, ranging error bounding and time correlation models, the integration of local sensors, the integration of signals from Low-Earth-Orbit (LEO) satellites, external services based on high-resolution maps, error model characterization, and the application of machine learning techniques.

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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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