



Precise Point Positioning (PPP) Based on Multi-GNSS

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Message from the Guest Editors

Precise Point Positioning (PPP) has proven to be a substantial positioning method based on Global Navigation Satellite Systems (GNSS) signals. Nowadays, PPP is used for various scientific and commercial applications. The concept of PPP is quite simple: the user's position and viable byproducts (e.g., tropospheric delay) are calculated with the most accurate satellite products (orbits, clocks, and biases) available. Typically, PPP exploits multi-frequency code and phase observations of a single GNSS receiver and precise satellite products (orbits, clocks, and biases, for example), provided by the International GNSS Service (IGS). The positioning process involves accurate observation models and sophisticated algorithms.

This Special Issue aims to attract scientific contributions in the field of multi-GNSS PPP and may include studies on topics such as:

- Reduction of PPP convergence time through multi-GNSS
- PPP with integer ambiguity resolution (PPP-AR)
- Atmosphere monitoring (troposphere and ionosphere)
- Geomonitoring and seismology using PPP
- PPP with low-cost devices (e.g., smartphones)
- Real-time PPP processing and applications





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