

Special Issue

Advanced Multi-GNSS Positioning and Its Applications in Geoscience

Message from the Guest Editors

With the rapid development of global navigation satellite systems (GNSSs), nowadays, multi-frequency and multi-constellation GNSSs represented by BDS and Galileo have played an irreplaceable role in the field of geoscience, including earthquake warning, geodynamics, meteorology, and deformation monitoring. This Special Issue of *Remote Sensing* aims to collect papers on the advanced algorithms for multi-GNSS high-precision positioning, multi-sensor integrated data processing, and their applications in geoscience. We welcome both theoretical and applied research contributions that cover the following aspects:

- Multi-GNSS RTK, PPP, PPP-AR, and PPP-RTK;
- Multi-GNSS and pseudolite/low Earth orbiter (LEO) integrated positioning;
- Multi-GNSS and multi-sensor integrated positioning using affordable equipment;
- Monitoring of ionospheric irregularities, scintillation, and disturbance based on the multi-GNSS;
- Retrieval of precipitable water vapor (PWV) and atmosphere mean temperature using multi-GNSSs;
- Surface deformation monitoring such as seismic displacements and mining subsidence using multi-GNSSs.

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About the Journal

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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