

Special Issue

Recent Progress in Monitoring the Troposphere with GNSS Techniques

Message from the Guest Editors

This Special Issue will explore advances in GNSS applications in meteorological and climatological studies. Possible topics include new strategies for estimating tropospheric parameters from multi-GNSS observables, the assimilation of GNSS-derived products into numerical weather models, 3D water vapor tomography, the analysis of temporal and spatial variations in water vapor, severe weather monitoring with GNSS, and other relevant innovations and applications. For this Special Issue, we welcome the submission of research articles and reviews. The scope includes, but is not limited to, the following research topics:

- The estimation of tropospheric parameters;
- The retrieval of precipitable water vapor;
- 3D water vapor tomography;
- Water vapor distribution on different spatial-temporal scales;
- The assimilation of ZTD and PWV into NWM;
- Extreme weather forecasting.

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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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