Special Issue

Signal Processing and Machine Learning for Space Geodesy Applications

Message from the Guest Editors

The field of geodesy has seen a significant increase in observational data in recent years, particularly from Global Navigation Satellite Systems (GNSSs), Very-Long-Baseline Interferometry (VLBI), Satellite Laser Ranging (SLR), Interferometric Synthetic Aperture Radar (InSAR), Doppler Orbitography and Radio-positioning Integrated by Satellite (DORIS), satellite altimetry and gravimetry, etc.. The rapid development of satellite techniques and the establishment of ground/space-based observing systems contribute to the maintenance of the terrestrial reference frame, the monitoring of Earth's rotation and gravity field, navigation and positioning with high precision, detection of deformation in GNSS time series related to geodynamics, as well as remote sensing and modeling of the Earth's atmosphere, including the ionosphere. Rapidly increasing volumes of diverse data from distributed sources create new challenges for extracting valuable knowledge from these data and attract increasing attention to solve complex geodetic problems.

Guest Editors

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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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