Special Issue

Global Navigation Satellite Systems for Earth Observing System

Message from the Guest Editors

We have seen the progress of GNSS, which is originally not designed for earth observation, but now provides opportunities in a broad scope of earth science processes. For one thing, the advancements in multi-GNSS, including GPS, GLONASS, BeiDou, Galileo and QZSS continually improve the precision and accuracy of GNSS positioning; for another, high-quality positioning solutions makes GNSS ideal for studying geohazards and many types of geophysical phenomena, such as the movement of tectonic plates, volcano inflation and deflation, and smaller-scale phenomena such as landslides. Many countries have funded projects to establish GNSS stations and networks, such as the American Plate Boundary Observatory, the Japanese GNSS Earth Observation Network System, and the Crustal Movement Observation Network of China. These projects have produced very abundant GNSS data for earth observation. As a result, new problems and challenges in GNSS algorithms, data processing, geophysical applications, and scientific interpretations will arise. We kindly invite original research and case studies focusing on recent developments in GNSS theories and algorithms and GNSS earth science applications.

Guest Editors

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Deadline for manuscript submissions

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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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