

Special Issue

Advances in Applications of Remote Sensing GIS and GNSS

Message from the Guest Editors

With the rapid development of GIS, remote sensing, and GNSS research, new theories, methods and applications have emerged, such as the concept of real-time GIS, 3D-GIS, indoor localization and mapping, machine-learning-enabled imagery interpretation and enhancement, positioning and navigation with low-Earth-orbit satellites and cellular networks' comprehensive positioning navigation and timing (PNT)-related techniques, etc. In addition, many new interdisciplinary research topics have become popular, such as vision-based navigation, ground control point (GCP)-free photogrammetry, synthetic aperture radar satellite formation flying, satellite-image-based disaster monitoring systems, and resource management. The scope of this Special Issue includes but is not limited to advanced GNSS signal processing and new GNSS positioning theory, GNSS meteorology-related topics and the fusion of GIS, RS and GNSS techniques and the applications to environmental change detection, disaster resilience planning, monitoring land use and land cover changes, smart cities, etc.

Guest Editors

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Message from the Editorial Board

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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