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Latest Advances and Application in the GNSS-R Field

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Message from the Guest Editors

The development and enhancement of Global Navigation Satellite System Reflectometry (GNSS-R) have catalyzed significant advancements in Earth observation. GNSS-R data, derived from various platforms, enable a broad range of geophysical parameter estimations, fostering numerous practical applications. The latest developments in the field of GNSS-R include the emerging research area of polarimetric GNSS-R. This technique holds potential for refining our understanding and monitoring capabilities of various Earth-surface processes.

This Special Issue on “Latest Advances and Application in the GNSS-R Field” invites submissions that explore the utilization of GNSS-R data, both those polarimetric and non-polarimetric, focusing on the innovative and applied aspects of this technology for Earth science. We also encourage contributions that explore the synergistic integration of GNSS-R data with other sensor data across different operational frequencies. Such integrations enhance both spatial resolution and temporal sampling, leading to improved geophysical parameter estimations.

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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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