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GNSS-R Earth Remote Sensing from SmallSats

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Deadline for manuscript submissions:

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Message from the Guest Editors

Small satellites are changing the paradigm in Earth remote sensing, taking advantage of innovative payloads. As such, the operation of constellations of these instruments has the potential to observe Earth's dynamic processes with a higher spatio-temporal sampling than traditional techniques. In particular, the so-called Global Navigation Satellite Systems Reflectometry (GNSS-R) is a sort of L-band passive multi-static radar that provides a wide swath up to ~ 1500 km. GNSS-R spatio-temporal sampling properties could open new process insights on several research topics.

New and novel GNSS-R scientific applications, methodologies, and retrieval algorithms are the focus of this Special Issue, including contributions from academia, international space agencies, and private industry. Works arising from present and future GNSS-R missions are invited to participate in this scientific forum:

- CYGNSS
- BuFeng-1
- Spire CubeSats series
- Fengyun-3 series
- FSSCat
- PRETTY
- Triton
- HydroGNSS



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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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