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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 Lband 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 participle in this scientific forum:

Specialsue

- CYGNSS
- BuFeng-1
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Message from the Editor-in-Chief

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