



## Applications of GNSS Reflectometry for Earth Observation III

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Deadline for manuscript  
submissions:

**closed (31 October 2023)**

### Message from the Guest Editors

Dear Colleagues,

The availability of data from missions such as the Cyclone Global Navigation Satellite System (CYGNSS) and TechDemoSat-1 (TDS-1) has had a significant impact on the scientific return of the Global Navigation Satellite System Reflectometry (GNSS-R) measurements. Data from these missions demonstrate the capabilities of GNSS-R and build on many applications that relate the properties of scattered GNSS signals to geophysical parameters. TDS-1 provides global data coverage, while the constellation of CYGNSS spacecraft, although limited to the tropics ( $\pm 37^\circ$  latitude), provides observations on rapid timescales with high spatial resolution. Equally important are measurements from airborne and ground-based instruments; these data enable investigations of the sensitivity of GNSS-R measurements to different phenomena and their use in new applications at a local/regional scale.

We encourage the submission of works related to the synergistic use of GNSS-R data with data from other sensors at the same or different frequency of operations, enhancing spatial resolution and/or temporal sampling to improve estimates of geophysical parameters.





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