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Applications of GNSS Reflectometry for Earth Observation

Guest Editors:

Dr. Nereida Rodriguez-Alvarez
Jet Propulsion Laboratory, California Institute of Technology, 4800 Oak Grove Drive, Pasadena, CA 91109, USA

Dr. Mary Morris
Jet Propulsion Laboratory, California Institute of Technology, 4800 Oak Grove Drive, Pasadena, CA 91109, USA

Deadline for manuscript submissions:
closed (31 January 2021)

Message from the Guest Editors

Dear Colleagues,

The availability of data from missions such as CYclone Global Navigation Satellite System (CYGNSS) and TechDemoSat-1 (TDS-1) has made 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.

We invite authors to submit their work on applications that use GNSS-R data for Earth science. Suggested topics include, but are not limited to, the following:

- Ocean, land, or cryosphere applications using GNSS-R;
- Applications using GNSS-R ground-based or airborne measurements;
- Applications using GNSS-R satellite measurements;
- GNSS-R based neural networks for specific applications;
- GNSS-R based classification algorithms for targeted applications;
- GNSS-R and SAR/Radiometer/Optical combined products;
- Downscaling or enhancement methods employing GNSS-R.

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Special Issue

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Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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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Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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