Special Issue

GNSS-R Earth Remote Sensing from SmallSats

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 participle in this scientific forum:

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

Guest Editors

Dr. Hugo Carreno-Luengo
NASA CYGNSS Mission, Climate and Space Sciences and Engineering Department, University of Michigan, Ann Arbor, MI 48109, USA

Dr. Chun-Liang Lin
1. National Space Organization, Taiwan
2. Electrical Engineering Department, National Chung Hsing University, Taiwan

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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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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

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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