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Advances of the Satellite-Based GNSS Radio Occultation (RO) Techniques and Associated Improvements in the Description and Modeling of the Atmosphere and the Thermosphere

Guest Editor:

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Deadline for manuscript submissions:
closed (15 February 2022)

Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue of Remote Sensing is to publish original research manuscripts focused in methodologies, techniques and approaches specially developed to increase precision and accuracy of GNSS RO retrievals. Also studies based on these new methodologies and leading to improved understanding and modeling of the atmosphere and the ionosphere are welcomed. Works demonstrating the performance (by means of real data or simulations) of new techniques specially developed for future missions like the FORMOSAT-7/COSMIC constellation are also of interest for this special issue. The scope of this special issue is aimed at covering the large variety of topics that benefit from GNSS RO within the areas of meteorology, atmosphere and space sciences. Including not only tropospheric and ionospheric studies, but also space weather and climate prediction or forecasting or plasmasphere sounding. We encourage submissions from researchers all around the world.

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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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