

## Special Issue

# Radio Occultations for Numerical Weather Prediction, Ionosphere, and Space Weather

### Message from the Guest Editors

In this Special Issue, we aim to collect papers discussing different aspects of handling RO observations, ranging from the study of the Earth's atmospheric phenomena, extreme events, methods of RO data inversion and assimilation into numerical weather prediction models, climatology, planetary boundary layer studies, altimetry, polarimetric RO, studies of internal gravity waves and Rossby waves, statistical studies and validation of data from the newest missions, ionospheric tomography, studies of sporadic E-layers, space weather, RO simulation techniques, and ionospheric correction and bias correction methods. Contributions highlighting the aforementioned and further aspects and benefits related to RO observation usage and introducing new approaches in this area are welcomed.

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### Guest Editors

Dr. Michael E. Gorbunov

Dr. Vladimir Gubenko

Dr. Congliang Liu

Mr. Vinicius Ludwig Barbosa

Ms. Xu Xu

Prof. Dr. Xiaolei Zou

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### Deadline for manuscript submissions

closed (8 October 2022)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### Message from the Editorial Board

*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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### Editors-in-Chief

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