

## Special Issue

# GNSS-Reflectometry and Remote Sensing of Soil Moisture

### Message from the Guest Editors

In many different scientific fields, the great significance of soil moisture content (SMC) is pointed out as an environmental factor for land surface dynamics monitoring, as regards such areas as evapotranspiration, droughts, floods, etc., while it simultaneously regulates energy and water exchange between the land and the atmosphere and other hydrological processes. Moreover, since SMC is coupled with other environmental variables, it is commonly used as the input parameter for many climate models. In agriculture, SMC is a crucial indicator of plant growth and crop yield.

In the last few decades, near-Earth satellites have provided an unprecedented opportunity to sense SMC from space using a wide diversity of techniques and sensors. An emerging and challenging technology based on the opportunity signal, GNSS Reflectometry (GNSS-R), has been exploited for SMC sensing.

This Special Issue aims to present the most recent advances, algorithms and methodologies of GNSS-Reflectometry and Remote Sensing for Soil Moisture Content retrieval.

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### Guest Editors

Prof. Dr. Iñigo Molina

Prof. Dr. Shuanggen Jin

Dr. Andrés Calabria

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### Deadline for manuscript submissions

closed (5 January 2023)



## Remote Sensing

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

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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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### 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

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