



## Remote Sensing for Soil Organic Carbon Mapping and Monitoring

Guest Editors:

**Prof. Dr. Bas van Wesemael**

**Prof. Dr. Sabine Chabrillat**

**Dr. Adrián Sanz Díaz**

**Dr. Michael Berger**

**Dr. Zoltan Szantoi**

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editors

Recently, the availability and quality of optical satellite remote sensing data have dramatically changed the paradigm for soil mapping and monitoring. Remote sensing of soil organic carbon (SOC) becomes feasible in a coherent manner from regional to global scales. The change of SOC over time is an important indicator of CO<sub>2</sub> sequestration in soils and is often cited as a natural climate solution (NCS). A new generation of space-based hyperspectral missions is under implementation, giving rise to an additional advancement to the already promising results obtained using the Sentinel-2 multispectral instrument.

Promising results based on spaceborne sensors have been obtained by merging two types of techniques in order to map SOC from both permanently vegetated areas and exposed soils. We welcome original manuscripts on the use of optical and thermal multi- or hyperspectral imagery for SOC mapping, as well as on the challenges involved in producing coherent SOC maps.





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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

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## Contact Us

*Remote Sensing* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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