

Special Issue

Bridging the Proximal and Remote Sensing Spectroscopy for Soil Properties Estimation and Monitoring

Message from the Guest Editors

The sustainable management of soil health and its state require constant assessment and monitoring of a high number of soil properties at different time frames and spatial scales, which presents a challenge when utilizing costly and time-consuming conventional analytical methods. Reflectance spectroscopy has proven to be a reliable, cheap, and environmentally friendly technique for the estimation of basic and some functional soil properties. Its application extends from the laboratory benchtop and in situ portable or on-the-go sensors to the most recent remote (drone, aircraft and spaceborne) sensors, enabling a much bigger scale of investigation and potentially enabling a mapping of the spatial distribution of soil properties.

In this Special Issue, we would like to invite contributions reporting on the application of soil spectroscopy across visible near infrared; vis-NIR (400–2500 nm), mid-wave infrared; MWIR (3000–5000 nm) and long-wave Infrared; the LWIR (7000–12000 nm) spectral range.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2022)



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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.

Editor-in-Chief

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