



Soil Properties Using Imaging Spectroscopy

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Spectral reflectance of soils has been proven to hold quantitative information on many soil properties. A large number of soil spectral libraries (SSLs) have emerged over the years. The need to cover large areas in order to generate spectral information for every point has led users to adopt the new evolving hyperspectral remote sensing (HSR) technology, also known as spectral imaging or imaging spectroscopy (IS).

This special issue is to gather all kinds of papers dealing with HSR-IS technology dedicated to assessing soil in a more quantitative and specifically way than other sensors. This special volume is open to all scientific work dealing with HSR-IS and soils from all spectral domains (VIS, NIR, SWIR, MWIR, LWIR) and from all platforms (laboratory, field, airborne manned and unmanned, and space). Real case studies, data and sensor simulations, standards and protocols for the application of HSR-IS technology to the soil system and upscaling of SSL information to field conditions are a few of the relevant topics, while we strongly encourage work with new, original and innovative approaches.

Prof. Eyal Ben-Dor
Guest Editor





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