Special Issue

Soil Properties Using Imaging Spectroscopy

Message from the Guest Editor

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.

Guest Editor

Prof. Dr. Eyal Ben-Dor
The Remote Sensing Laboratory, Tel-Aviv University, Tel-Aviv, Israel

Deadline for manuscript submissions

closed (15 December 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 8.3

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Remote Sensing
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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.

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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