Special Issue

Remote Sensing Based Quantification of Soil Properties

Message from the Guest Editors

Remote sensing has become the most powerful tool for soil property assessment. Data can be collected from the ground, aerial platforms or satellites. UAVs offer the opportunity to acquire data with high spatial resolution and flexibility. From a methodical perspective, deep learning and artificial intelligence (AI) provide new and very promising conceptual approaches for the analysis of remote sensing data. In the context of soil property assessment from remote sensing data, more research is required to apply these modern methods to this relevant topic. Thus, we would like to invite you to share your research and to participate in the submission of articles for this Special Issue with respect to the following topics, related to remote-sensing-based soil properties quantification:

- Prediction of soil properties from different platforms;
- Deep learning approaches for quantification of soil properties;
- Quantification of soil properties for the assessment of soil condition status;
- Scaling issues on RS data from lab/in situ to airborne/spaceborne;
- Multisensoral approaches for quantification of soil properties.

Guest Editors

Dr. Thomas Jarmer

Remote Sensing, Institute for Computer Science, Osnabrueck University, 49090 Osnabrueck, Germany

Dr. Anna Brook

Spectroscopy and Remote Sensing Laboratory, Department of Geography and Environmental Studie, Faculty of Social Science, University of Haifa, Haifa 3498838, Israel

Deadline for manuscript submissions

closed (30 March 2021)

Remote Sensing

About the Journal

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

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:
JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)