





an Open Access Journal by MDPI

Monitoring Soil Degradation by Remote Sensing

Guest Editors:

Prof. Dr. Eyal Ben-Dor

Remote Sensing Laboratory, Geography Department, Porter School of the Environment and Earth Sciences, Faculty of Exact Sciences, Tel Aviv University, Tel Aviv 699780, Israel

Dr. Asa Gholizadeh

Faculty of Agrobiology, Food and Natural Resources, Department of Soil Science and Soil Protection, Czech University of Life Sciences Prague, 16500 Prague, Czech Republic

Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on "Monitoring Soil Degradation using Proximal and Remote Sensing Techniques". We seek articles that utilize remotely sensed data for degradation monitoring, including but not limited to the following:

- Innovative applications and methods in remote sensing of soil degradation, significant case studies
- Novel data analytics for soil degradation modeling applications at different geographic scales
- Multi-sensors and multi-resolution data analysis for degradation monitoring
- Passive (optical and thermal) remote sensing for soil degradation monitoring
- Active (mm and microwaves) remote sensing for soil degradation monitoring
- Potential of the new generation of hyper and superspectral sensors in soil degradation monitoring
- Soil contamination (e.g., natural gas, petroleum hydrocarbons, plastic, and potentially toxic elements) mapping and monitoring











an Open Access Journal by MDPI

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

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.

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)

Contact Us