



Monitoring Soil Degradation by Remote Sensing

Guest Editors:

Dr. Eyal Ben-Dor

Department of Geography and
Human Environment, Tel Aviv
University (TAU), Tel Aviv
6997801, Israel

bendor@post.tau.ac.il

Dr. Asa Gholizadeh

Department of Soil Science and
Soil Protection, Czech University
of Life Sciences Prague, 16500,
Prague, Czech Republic

gholizadeh@af.czu.cz

Deadline for manuscript
submissions:

31 December 2020

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 hyperspectral sensors in soil degradation monitoring
- Soil contamination (e.g., natural gas, petroleum hydrocarbons, plastic, and potentially toxic elements) mapping and monitoring

