



The Use of Proximal and Remote Sensing Techniques for the Detection and Mapping of Contaminants in Soils

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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the potential of RS and PSS technologies and advanced machine learning techniques for modeling and mapping soil contaminants, including PTEs, PHCs, and microplastics, for site-specific land reclamation. Research articles that cover but not limited to the following topics are welcome:

Deadline for manuscript
submissions:

closed (31 December 2022)

- Remote sensing technologies for estimating and mapping soil contaminants at topsoil layers.
- Proximal soil sensing tools, including common (see above-mentioned list of technologies) and emerging techniques for the measuring and mapping of HMs, high salt concentrations, PHCs, and microplastics in soils.
- Sensors and data fusion techniques for modeling soil contaminants.
- Digital mapping of soil contaminants using remote sensing technology.
- The fusion of different combinations of remote and proximal sensing for monitoring and management of soil pollution, including risk assessment.
- Cloud computing and big data analytics for monitoring environmental pollution.





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Message from the Editorial Board

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