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

Guest Editors:

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Deadline for manuscript submissions:
closed (31 December 2022)

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 contaminates, including PTEs, PHCs, and microplastics, for site-specific land reclamation. Research articles that cover but not limited to the following topics are welcome:

- Remote sensing technologies for estimating and mapping soil contaminates 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 contaminates.
- 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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Editor-in-Chief

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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.

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