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Advancements in Remote, Areal, and Proximal Soil Sensing: Innovations in Measurement and Spatial Modelling

Guest Editors:

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Deadline for manuscript submissions:
closed (31 December 2025)

Message from the Guest Editors

Remote and proximal sensing have emerged as the most promising and widely used techniques for the acquisition of information about an object or any phenomenon without physical contact with the object. With input from remote sensing and proximal sensing technology, we can obtain soil information on a higher scale in a more efficient and intact way, which is critical in mapping soil properties.

We welcome the submission of papers on both fundamental and applied research relating to remote, areal and proximal sensing for the measurement and spatial modelling of soil. We also invite papers dedicated to new sensors that can be used in soil measurement and mapping but are not limited to, the following:

- The monitoring or measurement of soil properties using remote sensing and proximal soil sensing techniques (such as Vis-NIR, MIR, PXRF, or LIBS);

- The development of novel remote-sensing- or proximal-soil-sensing-based soil monitoring frameworks or technologies;

- Mapping soil properties using data collected through remote sensing and proximal soil sensing techniques;

- New methods or models used for monitoring soil properties utilizing remote sensing and proximal soil sensing techniques.

mdpi.com/si/208281

Special Issue

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Message from the Editorial Board

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

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