



Measurement of Within-Field Spatial Variability for Evaluating Soil Degradation

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closed (15 August 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims at collecting outstanding results on the geo-referenced measurement and mapping of within-field spatial variability (i.e. both soil and crop parameters), needed for evaluating soil degradation, including compaction and erosion, as well as the other negative effects of the excessive pressure of agricultural machines on soils.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

1. Proximal real-time sensors for the geo-referenced measurement of within-field soil and crop parameters.
2. Techniques for the remote sensing of within-field soil and crop parameters from unmanned aerial vehicles (UAVs), aircrafts and satellites.
3. Methods for the 2D and 3D mapping of soil and crop parameters.
4. Methods for evaluating soil compaction and erosion, as well as the other negative effects of human activities on soils.
5. Proposals of solutions for minimising soil compaction and erosion, as well as the other negative effects of human activities on soils.

We look forward to receiving your contributions.

Special Issue





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Message from the Editor-in-Chief

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