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# Measurement of Within-Field Spatial Variability for Evaluating Soil Degradation

Guest Editors:

#### Prof. Dr. Antonio Comparetti

Department of Agricultural, Food and Forest Sciences, University of Palermo, 90128 Palermo, Italy

#### Prof. Dr. Abdul M. Mouazen

Precision Soil and Crop Engineering (Precision Scoring), Faculty of Bioscience Engineering, Ghent University, Coupure Links 653, Blok B, 1st Floor, 9000 Gent, Belgium

#### Dr. Santo Orlando

Department of Agricultural, Food and Forest Sciences, University of Palermo, 90128 Palermo, Italy

Deadline for manuscript submissions:

#### closed (15 August 2023)



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## Message from the Guest Editors

Dear Colleagues,

This Special Issue aims at collecting outstanding results on the geo-referenced measurement and mapping of withinfield 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.



## **Editor-in-Chief**

Prof. Dr. Christine Fürst Institute for Geosciences and Geography, Department Sustainable Landscape Development, University of Halle, Von-Seckendorff-Platz 4, 06120 Halle, Germany

#### Message from the Editor-in-Chief

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*Land* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/land land@mdpi.com X@Land\_MDPI