

Special Issue

Soil Sensing and Landscape Modeling for Agronomic Application

Message from the Guest Editor

Soil sensing and landscape modeling can be defined as the use of proximal and/or remote sensing combined with computer and soil analyses to map and monitor soil and landscape processes. In this sense, several disciplines in soil science (e.g., digital soil mapping, soil spectroscopy, pedometrics) have helped farmers and scientists to move towards an agriculture of the future. Those disciplines combine machine learning, geostatistics, soil sampling methods, and different proximal and remote sensors to achieve such a crucial goal of developing agriculture, environmental policies, and food security. Therefore, these two aspects have been a major concern for humankind since the emergence and identification of climate change. The current Special Issue aims to bring together research papers, communications, and review papers on recent developments in soil sensing and landscape modeling for agronomic applications. We strongly encourage contributions covering the disciplines of digital soil mapping, landscape modeling, soil spectroscopy, and integrated proximal and remote sensing.

Guest Editor

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Editor-in-Chief

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