

Special Issue

Remote Sensing of Soil Moisture for Agricultural Purposes

Message from the Guest Editors

Water is a key element in agriculture due to its essential role in plant production. The possibility of effective use of water by crops is mainly determined by the retention properties of the soil, thanks to which water can be stored in periods of drought. However, this property depends on many factors, which may additionally be spatially differentiated, even on the scale of small agricultural plots. Information on soil moisture and its variability during the growing season can be used in agriculture in many ways. It is essential for the proper conduct of agro-technical practices on the farm scale, provision of agricultural advisory services in the regions, as well as for the central planning of agricultural policy. Nowadays, modern methods allow for remote assessment of soil moisture and its mapping - in each of the abovementioned spatial scales. Here, I invite you to publish works that present the use of any non-invasive method (satellite and aerial RS, UAV, field robot, sensors installed on agricultural machines) for direct assessment of soil moisture.

Guest Editors

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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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