Special Issue

Remote Sensing for Soil Mapping and Monitoring

Message from the Guest Editors

MDPI is launching a Special Issue entitled “Remote Sensing for Soil Mapping and Monitoring”. This Issue welcomes papers dealing with mapping soil properties using remote sensing data (proximal, airborne, and satellite remote sensing), alone or in combination, to map and monitor soil properties. Given the increasingly available remote sensing data, particularly satellite time series with high spatial resolution such as Sentinel 1 or 2, remote sensing data may provide a valuable basis for updating and monitoring soil properties. These data may be used in combination with other environmental data (e.g., digital elevation model (DEM) derivatives, existing soil, geological maps, etc.) to predict some soil properties at high spatial resolution (from 10 to 90 m) over various geographical bodies, from fields to landscapes, regions, countries, and the globe. How the data can be used and to what extent, due to direct information relying on bare soil that covers a limited area, raise specific issues. The incorporation of remote sensing data into spatial models also raises questions about error uncertainty assessment.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)

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About the Journal

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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