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Imaging Spectroscopy for Soil and Land Degradation Mapping

Guest Editors:

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Prof. Dr. Sabine Chabrillat

Dr. Robert Milewski

Dr. Daniel Žížala

Deadline for manuscript submissions:
closed (31 August 2022)

Message from the Guest Editors

Advances in imaging spectroscopy are of great use for characterizing and monitoring processes of soil erosion, salinization, desertification, and pollution, due to the technique's capacity to accurately characterize Earth surface composition, particularly in agricultural and arid lands as well as areas where disturbed soil surfaces are exposed. This includes using new proximal sensing methods and sensor technologies with high spatial and temporal resolutions and advanced remote sensing data processing capacities to track and detect changes over space and time.

This Special Issue aims to present new and/or innovative methods/approaches/products to characterize and monitor soil and land degradation processes using proximal and remote sensing data. We welcome the submission of original manuscripts that use different types of available remotely sensed data, from field to satellite-borne sensors, for determining the different degradation processes in drylands and agricultural regions of the world. Submissions using new spaceborne imaging spectroscopy sensors, or multiple scales and time series data together with field observations and laboratory measurements are encouraged.

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Editor-in-Chief

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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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