

Special Issue

Degradation of Rainfed Agricultural Soils: Impacts and Monitoring

Message from the Guest Editors

This SI is proposed with the aim of promoting contributions dealing with the principal role of soils supporting rainfed agriculture. In the context of climate change, sustainable agricultural practices demand resilient soils to minimize the effect of increasing temperatures and rainfall variability. In this regard, among the effects of agronomic relevance, decrease in fertility and water holding capacity, as well as loss of structure can be highlighted. In addition, the loss by erosion of the key horizons regarding soil resilience (mostly A and B horizons), makes the recovery of degraded soils even more difficult. Satellite-scale monitoring is a main tool to globally assess these processes, and therefore is a basis for making relevant decisions on soil conservation policies. However, the degradation processes of agricultural soils may not be evident, which makes it necessary to insist on the search and assessment of effective indicators of these processes, especially early indicators, that can be monitored by remote sensing. Manuscripts related to the aforementioned topics will be gratefully considered for publication.

Guest Editors

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Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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