

Special Issue

Sustainable Agricultural Intensification and Soil Fertility

Message from the Guest Editor

Agriculture faces to a huge challenge. Food production must be increased substantially in the next decades whereas adverse environmental impacts associated with agriculture need to be mitigated in order to develop more sustainable production systems. This goal is particularly difficult to achieve in (tropical) developing countries, and especially in sub-Saharan Africa, where food production capacity is severely limited due to soil fertility depletion related to multiple nutrient deficiencies. The intensification of food production requires soil and land to be managed sustainably, including avoidance of negative nutrient balances and soil erosion, the build-up of soil carbon, and the retention of soil biological diversity thresholds to maintain essential functions managed by soil biota...

Guest Editor

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