Special Issue

The Effect of Appropriate Agriculture Management on Soil and Sustainable Crop Productivity

Message from the Guest Editors

The world's population is about 8 billion, and it is expected to reach 9.8 billion by 2050. This increase will lead to an increase of food demand and surge pressure on the soil and natural resources. On the other hand, climate change is a serious threat to agriculture productivity and food security, either directly or through soil degradation. The specific impacts of rapid climate and weather changes on soil, in particular carbon stability, salinity and water retention, are not well understood. This Special Issue aims to publish high-quality research articles that focus on soil–water–crop interactions, agriculture practices, soil fertility, soil contamination, soil erosion, soil salinity, soil physical and chemical parameters, crop production, and climate change. Soil management techniques have the potential to enhance soil fertility, combat soil degradation, and increase agriculture sustainability. Additionally, suitable agriculture practices can be vital tools to adapt to climate change, and to suggest adaptation strategies for farmers in terms of dealing with future climate change and agriculture management.

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