Special Issue

Effects of Cropping Systems on Crop Yields and Soil Degradation

Message from the Guest Editors

Crop production can be defined as active, challenging, and extremely dynamic and is conditioned by a number of factors (e.g., climate, soil, economic factors, etc.). It is a fundamental basic human activity. Many challenges in today's agriculture can only aggravate this influence, especially in relation to climate change, soil degradation, population growth, etc. Regarding soil degradation, agriculture should be viewed in causal or cause-and-effect relationships and, relating this fact, adaptative measures should be observed in the prescribed measures. Soil degradation has multiple and complex impacts on the global environment through a series of direct and indirect processes that affect a large number of ecosystem functions and services, including climatic regulation, carbon sequestration, greenhouse gas emissions, and increased biodiversity. Increasing degradation of agricultural soils caused by a number of natural and anthropogenic factors brings the role of different adaptation and mitigation platforms into focus along with different measures that are able to cope with these problems, following the principles of sustainable soil management.

Guest Editors

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