

Special Issue

Effects of Different Managements on Soil Quality and Crop Production

Message from the Guest Editors

Agricultural management systems and practices can deeply affect soil processes and functions, and those emerging as a result of recent technological advancements may have impacts on the soil that are still little known. In addition to the expected growing demand for agricultural products, other factors contribute to changes in the management of agricultural land. Sustainable soil management should be able to combine production objectives with environmental protection goals. Considering that ongoing climate change and different soil types can induce different responses to diverse management practices, research is crucial to fill the knowledge gaps related to the interaction between practices and their effects on soil functions and ecosystem services.

This Special Issue will focus on quantifying the effects of management practices on soil quality and agricultural production under diverse pedoclimatic environments and cropping systems. It will also present evaluations of the strategies and tools available (precision agriculture, provisional models, decision support systems) to identify, develop, and implement management strategies to preserve and improve soil ecosystem functioning.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

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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