

Special Issue

Green and Sustainable Agricultural Ecosystem

Message from the Guest Editors

Dear Colleagues, Global crises including COVID-19 and political instability have an adverse impact on agricultural production and food supply chains. Chemicalization and mechanization of agriculture, on the one hand, increase labor productivity and crop yields. However, on the other hand, this increases the negative impact of agricultural production on the environment and requires the use of fossil resources (material and energy). Thus, the impact of agricultural production on a new qualitative level is increasing. The importance of environmentally friendly technologies is growing, including renewable energy sources, biofertilizers, energy-saving technologies, resource-saving technologies, the production of organic products, etc. In this regard, the concept of a circular economy becomes more important. This concept aims to reduce exhaustible resource consumption and harmful emissions by closing the production loop of raw materials, residues, products and energy. This Special Issue will focus on the Green and Sustainable Agricultural Ecosystem and aims to solve the abovementioned issues. Original research manuscripts and systematic reviews are welcome.

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