Special Issue

Advances in Sustainable Agriculture Progress under Climate Change

Message from the Guest Editors

Along with the population growth and general aspiration to direct the alimentation to healthy dietary habits, there is a visible need for improving both the production and quality of food. Temperature rise and global shifts in rainfall patterns due to climate variation are bringing new climate conditions to all regions and posing several challenges for agriculture. The processes in agriculture production are highly sensitive to climate variability and climate changes and on the other hand, they also contribute to these changes. Food loss and waste, sustainable agriculture, and nutritional challenge are the measures that indicate the sustainability of food systems. Areas suitable to agriculture are already widely cultivated in almost all continents. New ecologically friendly cultural practices and innovation systems are already adopted in many countries for coping with risks and opportunities associated with climate variability and climate change. This Special Issue aims to show the progress addressing new technologies and strategies responding to the climate variability impacts on crop productivity, resource quality, and adaptation measures in the agricultural sector.

Guest Editors

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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