

Special Issue

Latest Advances for Smart and Sustainable Agriculture

Message from the Guest Editors

The agricultural sector has always been a major user of water and fossil fuels, thus emitting a considerable amount of greenhouse gases. It is to solve this problem in a sustainable way that the concept of smart agriculture was proposed. This essentially aims to achieve three major objectives: 1) ensuring and improving food security through agricultural production; 2) promoting the resilience of agriculture by adapting to climatic conditions; 3) reducing greenhouse gas emissions in line with the principle of mitigation.

This concept must be put into practice in different ways, depending on the development of the agricultural techniques used and the specific realities of each country. Developing countries must demonstrate innovation in the technical and energy fields in order to better reconcile their adaptation and mitigation capacities. In developed countries, the innovations available should enable the development of more qualitative than quantitative agriculture.

The objective of this Special Issue is to present the latest advances in smart and sustainable agriculture, in particular in terms of new information and telecommunications technologies.

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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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