

Special Issue

Innovative Approaches to Sustainable Agriculture, Environmental Pollution Mitigation, and Green Economy Transitions

Message from the Guest Editors

Agriculture faces significant deficiencies in various regions worldwide, a primary cause of which is the alteration of specific weather patterns that threatens yields and food safety and plays a fundamental role in determining the viability of economically important species. The success of sound agricultural management is also influenced by the quality of the growing medium—insufficient concentrations of essential compounds (e.g., nutrients) or the presence of xenobiotics (e.g., non-essential heavy metals) disrupt plant development, leading to outcomes similar to those caused by weather-related risks. Therefore, adapting to and mitigating environmental change requires approaches that can maintain or increase productivity even under unpredictable and variable conditions while avoiding harm and conflict concerning environmental, social, and economic factors. This Special Issue invites papers that significantly contribute to our understanding of sustainable management practices in agricultural operations.

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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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