

Special Issue

Water Quality and Pollution in Agriculture

Message from the Guest Editor

Water resources are vital for human survival, sustainable development, and ecosystem health. Agriculture significantly contributes to water pollution due to excessive agrochemical use and inefficient irrigation (diffuse pollution), which lead to nutrient runoff, eutrophication, and ecosystem degradation. Addressing these challenges requires sustainable approaches, such as the appropriate use of agrochemicals, adoption of biological fertilizers, farmer education, and reuse of treated wastewater for irrigation, can improve water management and protect public health. This Special Issue aims to collate original research and review articles addressing the key challenges and innovations in the nexus of agriculture and water management. Topics of interest include, but are not limited to, the following: (i) sustainable water management in agriculture; (ii) control of agricultural water pollution; (iii) treated wastewater reuse in agriculture; and (iv) the impact of environmental factors on agricultural sustainability. Contributions exploring policy, technology, and interdisciplinary approaches to sustainable agriculture and water use are particularly welcome to be submitted.

Guest Editor

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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.

Editor-in-Chief

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