

Special Issue

Enhancing Water Use Efficiency in Poultry Production

Message from the Guest Editor

The increase in global demand for healthy and affordable protein sources has driven continuous adaptations in poultry production systems. Meeting this demand has also heightened the need for freshwater, which is essential for crop growth for feed, cooling poultry houses, and providing water for birds during production and processing. Unfortunately, freshwater is a limited resource, and many countries face water scarcity, with forecasts of increased droughts worldwide. Therefore, improving water use efficiency in the poultry industry through management, enhanced processing techniques, and genetic selection is vital for sustainable development. This Special Issue focuses on poultry production practices that enhance water use efficiency through genetic selection, farm management, nutrition, and processing. It will take a multi-species approach, emphasizing broiler, laying hen, and turkey production. We welcome a diverse range of articles covering various topics, including management, processing, and genetic selection.

Guest Editor

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Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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