

Special Issue

Strategies to Improve the Security and Nutritional Quality of Crop Species—2nd Edition

Message from the Guest Editors

Proper crop management can increase nutrient levels and obtain suitable raw materials, while poor management may result in chemical contamination (e.g., pesticide residues) and physical contamination (e.g., heavy metals, nitrates). Fungal diseases can also reduce quality, producing harmful mycotoxins. Due to climate change, urbanization, and other human activities, concerns over these contaminants in foods are rising. Recently, biotechnology and genome editing have gained attention as strategies to enhance nutritional value and improve resistance to pests and adverse conditions like drought. This Special Issue is a continuation of the previous Special Issue and still focuses on the role that soil quality, agrotechnology (tillage, forecrop, fertilization, crop protection, harvesting), and varieties play in the production of high-quality food. For this reason, high-quality interdisciplinary research results from different research fields, including genetics, new genomic techniques and breeding, agriculture, food technology, and ecology, are welcome. Original scientific and review papers will be accepted.

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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.

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Prof. Dr. Les Copeland

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