

Special Issue

Innovative Hydroponic Systems for Sustainable Agriculture

Message from the Guest Editors

We are delighted to invite you to submit manuscripts for our upcoming Special Issue on hydroponic crop production. This Issue will explore the challenges and opportunities of maximizing nutrient and water use efficiency in hydroponic crop production, especially when using marginal water qualities. Efficient use of resources and sustainable management of low-quality water sources such as treated wastewater, nitrate-rich groundwater, or brackish water will contribute to expanding hydroponic cropping in regions where clean water is scarce. Moreover, this will limit the impacts on the aquatic environment and improve food security. We warmly welcome your contributions from a range of disciplines, including agriculture, engineering and environmental sciences, to showcase cutting-edge research and innovative solutions.

Guest Editors

Dr. Jörn Germer

Dr. Folkard Asch

Dr. Yongsheng Chen

Deadline for manuscript submissions

closed (31 July 2025)



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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

Prof. Dr. Les Copeland

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